# KERN IFB100K-3



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



### Measuring system

inicadaring by storin	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	25 g
Linearity:	15 g
Load cell connection:	4-wire
Readability [d]:	5 g
Recommended adjusting weight:	150 kg (F2)
Repeatability:	5 g
Resolution:	30000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	150 kg
Weighing system:	Strain gauge
Weighing units:	kg
Display	
Display digit height (large):	5,200 cm
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	5 g
Mininum piece weight at piece counting (Normal):	50 g
Functions	
Counting function:	yes
Function to save totals:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installation	on: 961-249
DAkkS Certificate:	963-129
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Packaging & shipping Delivery:	24 h
	24 h 550 x 940 x 220 mm
Delivery:	2
Delivery: Dimensions packaging (WxDxH):	550 x 940 x 220 mm
Delivery: Dimensions packaging (WxDxH): Gross weight:	550 x 940 x 220 mm 12,800 kg
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight:	550 x 940 x 220 mm 12,800 kg 11 kg
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	550 x 940 x 220 mm 12,800 kg 11 kg
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	550 x 940 x 220 mm 12,800 kg 11 kg Parcel service
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device:	550 x 940 x 220 mm 12,800 kg 11 kg Parcel service 3 m
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate	550 x 940 x 220 mm 12,800 kg 11 kg Parcel service 3 m Plastic
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH):	550 x 940 x 220 mm 12,800 kg 11 kg Parcel service 3 m Plastic 250 x 160 x 58 mm
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate (WxDxH):	550 x 940 x 220 mm 12,800 kg 11 kg Parcel service 3 m Plastic 250 x 160 x 58 mm 500 x 400 x 130 mm
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate (WxDxH): of stand:	550 x 940 x 220 mm 12,800 kg 11 kg Parcel service 3 m Plastic 250 x 160 x 58 mm 500 x 400 x 130 mm 60 cm
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate (WxDxH): of stand: Level indicator: Material weighing plate: Overall dimensions mounted	550 x 940 x 220 mm 12,800 kg 11 kg Parcel service 3 m Plastic 250 x 160 x 58 mm 500 x 400 x 130 mm 60 cm yes
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate (WxDxH): of stand: Level indicator: Material weighing plate: Overall dimensions mounted (WxDxH):	550 x 940 x 220 mm 12,800 kg 11 kg Parcel service 3 m Plastic 250 x 160 x 58 mm 500 x 400 x 130 mm 60 cm yes stainless steel
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate (WxDxH): of stand: Level indicator: Material weighing plate: Overall dimensions mounted	550 x 940 x 220 mm 12,800 kg 11 kg Parcel service 3 m Plastic 250 x 160 x 58 mm 500 x 400 x 130 mm 60 cm yes stainless steel 660 x 400 x 760 mm

# KERN IFB100K-3



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

#### Piktogramme

#### STANDARD

CAL EXT PROTOCOL	RS 232	GLP PRINTER 2 DAYS	PCS	SUM	-√+ ⊙ うッ TOL	MOVE	000 IP 65
OPTION DAkks +3 DAYS							



# KERN IFB100K-3L



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



### Measuring system

niededning eyetenn	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	25 g
Linearity:	20 g
Load cell connection:	4-wire
Readability [d]:	5 g
Recommended adjusting weight:	150 kg (F2)
Repeatability:	5 g
Resolution:	30000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	150 kg
Weighing system:	Strain gauge
Weighing units:	kg
Display	
Display digit height (large):	5,200 cm
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	5 g
Mininum piece weight at piece counting (Normal):	50 g
Functions	
Counting function:	yes
Function to save totals:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installation	n:961-249
DAkkS Certificate:	963-129
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	680 x 1045 x 245 mm
Dimensions packaging (WxDxH): Gross weight:	680 x 1045 x 245 mm 24,100 kg
Gross weight:	24,100 kg
Gross weight: Net weight:	24,100 kg 20 kg
Gross weight: Net weight: Shipping method:	24,100 kg 20 kg
Gross weight: Net weight: Shipping method: Construction	24,100 kg 20 kg Parcel service
Gross weight: Net weight: Shipping method: Construction Cable length of display device:	24,100 kg 20 kg Parcel service 3 m
Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate	24,100 kg 20 kg Parcel service 3 m Plastic
Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH):	24,100 kg 20 kg Parcel service 3 m Plastic 250 x 160 x 58 mm
Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate (WxDxH):	24,100 kg 20 kg Parcel service 3 m Plastic 250 x 160 x 58 mm 650 x 500 x 142 mm
Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate (WxDxH): of stand:	24,100 kg 20 kg Parcel service 3 m Plastic 250 x 160 x 58 mm 650 x 500 x 142 mm 60 cm
Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate (WxDxH): of stand: Level indicator: Material weighing plate: Overall dimensions mounted	24,100 kg 20 kg Parcel service 3 m Plastic 250 x 160 x 58 mm 650 x 500 x 142 mm 60 cm yes
Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate (WxDxH): of stand: Level indicator: Material weighing plate:	24,100 kg 20 kg Parcel service 3 m Plastic 250 x 160 x 58 mm 650 x 500 x 142 mm 60 cm yes stainless steel
Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate (WxDxH): of stand: Level indicator: Material weighing plate: Overall dimensions mounted (WxDxH):	24,100 kg 20 kg Parcel service 3 m Plastic 250 x 160 x 58 mm 650 x 500 x 142 mm 60 cm yes stainless steel 810 x 500 x 820 mm

# KERN IFB100K-3L



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

#### Piktogramme

#### STANDARD

01/01/01/01			
CAL EXT PROTOCOL	RS 232 PRINTE	A -√+ ③ ③ ③ TOL	MOVE IP 65
OPTION			
DAkkS +3 DAYS			



# KERN IFB10K-4



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



### Measuring system

mededining by eterni	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	2,500 g
Linearity:	1,500 g
Load cell connection:	4-wire
Readability [d]:	500 mg
Recommended adjusting weight:	15 kg (F2)
Repeatability:	500 mg
Resolution:	30000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	15 kg
Weighing system:	Strain gauge
Weighing units:	kg
Display	
Display digit height (large):	5,200 cm
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	500 mg
Mininum piece weight at piece counting (Normal):	5 g
Functions	
Counting function:	yes
Function to save totals:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installati	on:961-248
DAkkS Certificate:	963-128
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	420 x 700 x 230 mm
Gross weight:	6,800 kg
Net weight:	5 kg
Shipping method:	Parcel service
Construction	
Cable length of display device:	3 m
Casing material:	Plastic
Dimensions of display device (WxDxH):	250 x 160 x 58 mm
Dimensions of weighing plate (WxDxH):	300 x 240 x 110 mm
of stand:	33 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	300 x 240 x 410 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	300 x 240 mm

# KERN IFB10K-4



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

#### Piktogramme

#### STANDARD

CAL EXT MULTI	RS 232	GLP PRINTER 2 DAYS	PCS	SUM	 MOVE	<b>000</b> IP 65
OPTION						
DAkkS +3 DAYS						



# KERN IFB10K-4L



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



### Measuring system

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Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	2,500 g
Linearity:	1,500 g
Load cell connection:	6-wire
Readability [d]:	500 mg
Recommended adjusting weight:	15 kg (F2)
Repeatability:	500 mg
Resolution:	30000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	15 kg
Weighing system:	Strain gauge
Weighing units:	kg
Display	
Display digit height (large):	5,200 cm
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	500 mg
Mininum piece weight at piece counting (Normal):	5 g
Functions	
Counting function:	yes
Function to save totals:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installati	on:961-248
DAkkS Certificate:	963-128
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	470 x 800 x 240 mm
Gross weight:	12 kg
Net weight:	7,500 kg
Shipping method:	Parcel service
Construction	
Cable length of display device:	3 m
Casing material:	Plastic
Dimensions of display device (WxDxH):	250 x 160 x 58 mm
Dimensions of weighing plate (WxDxH):	400 x 300 x 128 mm
of stand:	60 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	560 x 300 x 490 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	400 x 300 mm

# KERN IFB10K-4L



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

#### Piktogramme

#### STANDARD

	KCP PROTOCOL	RS 232	GLP PRINTER	PCS	SUM	-√+ ⊙ Ͽ» TOL	MOVE	<b>000</b> IP 65
MULTI	DMS	1 DAY	2 DAYS					
OPTIC DAkks +3 days								



### KERN IFB150K20DLM



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	100 g   250 g
Linearity:	20 g   50 g
Load cell connection:	6-wire
Readability [d]:	20 g   50 g
Recommended adjusting weight:	150 kg (M1)
Repeatability:	20 g   50 g
Resolution:	3 3.000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	10 min   10 min
Weighing capacity [Max]:	60 kg   150 kg
Weighing system:	Strain gauge
Weighing units:	kg
Display	
Display	
Display digit height (large):	5,200 cm
Technical data about verification	
Minimum load [Min]:	400 g   1000 g
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	III
Verification value [e]:	20 g   50 g
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	5 g
Mininum piece weight at piece	50 g
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Functions	
Counting function:	yes
Function to save totals:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes
Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
· · · · · · · · · · · · · · · · · · ·	
Services (optional)	
Adjustment at the location of installati	on:961-249
DAkkS Certificate:	963-129
Verification:	965-229
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	670 x 1040 x 260 mm
Gross weight:	24,900 kg
Net weight:	20 kg
Shipping method:	Parcel service
Construction	
Cable length of display device:	3 m
Casing material:	Plastic
•	
Dimensions of display device (WxDxH):	250 x 160 x 58 mm
Dimensions of weighing plate (WxDxH):	650 x 500 x 142 mm

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# KERN IFB150K20DLM



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

of stand:	60 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	810 x 500 x 820 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	650 x 500 mm

### Piktogramme

#### STANDARD



OPTION

DAkks +3 days

8	D⁄A	E C C C C C C C C C C C C C C C C C C C	Μ
BT 2.0	ANALOG	ACCU	+3 DAYS

### KERN IFB150K20DM



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	20 g   50 g
Linearity:	20 g   50 g
Load cell connection:	6-wire
Readability [d]:	20 g   50 g
Recommended adjusting weight:	150 kg (M1)
Repeatability:	20 g   50 g
Resolution:	3 3.000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	10 min   10 min
Weighing capacity [Max]:	60 kg   150 kg
Weighing system:	Strain gauge
Weighing units:	kg
Display	
Display digit height (large):	5,200 cm
Technical data about verification	
Minimum load [Min]:	400 g   1000 g
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	III
Verification value [e]:	20 g   50 g
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	5 g
Mininum piece weight at piece	50 g

**Functions** Counting function: yes Function to save totals: yes Vibration-free weighing (Animal yes weighing program): Weighing with tolerance range: yes Environmental conditions 80 % Maximum humidity: 40 °C Maximum operating temperature: Minimum ambient temperature: -10 °C Minimum humidity: 0% Power supply Battery: no battery Charging time: 12 h Input voltage: 100 V - 240 V 50 / 60 Hz Mains adapter external Mains adapter: Mains adapter/adapter included: US EURO UK Operating time (Backlight off): 35 h Operating time (Backlight on): 8 h Rechargeable battery: Rchrg. battery optional Services (optional) Adjustment at the location of installation: 961-249 DAkkS Certificate: 963-129 Verification: 965-229 Category **KERN** Brand: Category: Balances Product Group: Industiral scale Packaging & shipping Delivery: 24 h Dimensions packaging (WxDxH): 555 x 930 x 215 mm Gross weight: 16,350 kg Net weight: 11 kg Shipping method: Parcel service Construction Cable length of display device: 3 m Plastic Casing material: Dimensions of display device 250 x 160 x 58 mm (WxDxH): Dimensions of weighing plate 500 x 400 x 130 mm (WxDxH):

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# KERN IFB150K20DM



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

of stand:	60 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	660 x 400 x 760 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	500 x 400 mm

### Piktogramme

#### STANDARD



OPTION

DAkks +3 days

8	D⁄A	E C C C C C C C C C C C C C C C C C C C	Μ
BT 2.0	ANALOG	ACCU	+3 DAYS

# KERN IFB15K2DLM



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



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measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	10 g   25 g
Linearity:	2 g   5 g
Load cell connection:	6-wire
Readability [d]:	2 g   5 g
Recommended adjusting weight:	15 kg (F2)
Repeatability:	2 g   5 g
Resolution:	3 3.000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	10 min   10 min
Weighing capacity [Max]:	6 kg   15 kg
Weighing system:	Strain gauge
Weighing units:	kg
Display Display digit height (large):	5,200 cm
Technical data about verification	
Minimum load [Min]:	40 g   100 g
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	III
Verification value [e]:	2 g   5 g
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	500 mg
Mininum piece weight at piece	5 g

Functions	
Counting function:	yes
Function to save totals:	yes
Vibration-free weighing (Animal	yes
weighing program):	
Weighing with tolerance range:	yes
Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installati	on:961-248
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DAkkS Certificate:	963-128
Verification:	965-228
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	470 x 800 x 240 mm
Gross weight:	12 kg
Net weight:	7,500 kg
Shipping method:	Parcel service
Construction	
Cable length of display device:	3 m
Casing material:	Plastic
Dimensions of display device	250 x 160 x 58 mm
(WxDxH):	
Dimensions of weighing plate	

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# KERN IFB15K2DLM

KERN

High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

of stand:	60 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	560 x 300 x 490 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	400 x 300 mm

### Piktogramme

#### STANDARD



OPTION

DAkkS +3 DAYS

8	D⁄A	E C C C C C C C C C C C C C C C C C C C	Μ
BT 2.0	ANALOG	ACCU	+3 DAYS

# KERN IFB15K2DM



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



Meas	Irino	191	/stem
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measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	10 g   25 g
Linearity:	2 g   5 g
Load cell connection:	4-wire
Readability [d]:	2 g   5 g
Recommended adjusting weight:	15 kg (F2)
Repeatability:	2 g   5 g
Resolution:	3 3.000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	10 min   10 min
Weighing capacity [Max]:	6 kg   15 kg
Weighing system:	Strain gauge
Weighing units:	kg
Display Display digit height (large):	5,200 cm
Technical data about verification	
Minimum load [Min]:	40 g   100 g
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	III
Verification value [e]:	2 g   5 g
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	500 mg
Mininum piece weight at piece	5 g

Functions	
Counting function:	yes
Function to save totals:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes
Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
,	3
Services (optional)	
Adjustment at the location of installatio	n:961-248
DAkkS Certificate:	963-128
Verification:	965-228
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	420 x 695 x 220 mm
Gross weight:	7,600 kg
Net weight:	5 kg
Shipping method:	Parcel service
Construction	
Cable length of display device:	3 m
Casing material:	Plastic
Dimensions of display device	250 x 160 x 58 mm
(WxDxH):	200 x 100 x 30 mm
Dimensions of weighing plate	

counting (Normal): KERN & SOHN GmbH · Ziegelei 1 · 72336 Balingen · Germany · Tel. +49–(0)7433 - 99 33-0 · www.kern-sohn.com

# KERN IFB15K2DM

High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



of stand:	33 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	300 x 240 x 410 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	300 x 240 mm

### Piktogramme

#### STANDARD



OPTION

DAkkS +3 DAYS

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BT 2.0	ANALOG	ACCU	+3 DAYS

# KERN IFB 300K-2



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



### Measuring system

Weighing with tolerance range:

ineacainig cycloni	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	50 g
Linearity:	40 g
Load cell connection:	6-wire
Readability [d]:	10 g
Recommended adjusting weight:	300 kg (F2)
Repeatability:	10 g
Resolution:	30000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	300 kg
Weighing system:	Strain gauge
Weighing units:	g kg lb Hj. tJ lb:oz
Display	
Display digit height (large):	5,200 cm
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	10 g
Mininum piece weight at piece counting (Normal):	100 g
Functions	
Counting function:	yes
Function to save totals:	yes
Vibration-free weighing (Animal weighing program):	yes

Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installation	n:961-249
DAkkS Certificate:	963-129
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	675 x 1050 x 250 mm
Gross weight:	24,900 kg
Net weight:	20 kg
Shipping method:	Parcel service
Construction	
Cable length of display device:	3 m
Casing material:	Plastic
Dimensions of display device (WxDxH):	250 x 160 x 58 mm
Dimensions of weighing plate (WxDxH):	650 x 500 x 142 mm
of stand:	60 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted	810 x 500 x 820 mm
(WxDxH):	
(WxDxH): Revolving screw feet:	yes
(WxDxH): Revolving screw feet: Wall mount:	yes yes

yes

# KERN IFB 300K-2



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

#### Piktogramme

#### STANDARD



### KERN IFB 300K50DM



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



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Measuring sys	lelli

0,	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	250 g   500 g
Linearity:	50 g   100 g
Load cell connection:	6-wire
Readability [d]:	50 g   100 g
Recommended adjusting weight:	200 kg (M1)
Repeatability:	50 g   100 g
Resolution:	3 3.000
Stabilisation time under laboratory conditions:	2 s
Tare range:	-300 kg
Warm up time:	10 min   10 min
Weighing capacity [Max]:	150 kg   300 kg
Weighing system:	Strain gauge
Weighing units:	kg

#### Display

Display digit height (large):

5,200 cm

30000

10 g

Technical data about verification		
Minimum load [Min]:	1 kg   2 kg	
Periodic Verification for Italy:	969-112	
Verification approval conforming to 2014/31/EU:	yes	
Verification by KERN possible:	yes	
Verification class:	III	
Verification value [e]:	50 g   100 g	

#### Counting

Counting resolution: Mininum piece weight at piece counting (Laboratory:

Mininum piece weight at piece 100 g counting (Normal): **Functions** Counting function: yes Function to save totals: yes Vibration-free weighing (Animal yes weighing program): Weighing with tolerance range: yes **Environmental conditions** Maximum humidity: 80 % 40 °C Maximum operating temperature: -10 °C Minimum ambient temperature: 0% Minimum humidity: Power supply 12 h Charging time: Input voltage: 100 V - 240 V 50 / 60 Hz Mains adapter: Mains adapter external Mains adapter/adapter included: UK EURO US 35 h Operating time (Backlight off): Operating time (Backlight on): 8 h Rechargeable battery: Rchrg. battery optional (factory) Services (optional) Adjustment at the location of installation: 961-249 DAkkS Certificate: 963-129 Verification: 965-229 Category KERN Brand: Category: **Balances** Product Group: Industiral scale Packaging & shipping 24 h Delivery: Dimensions packaging (WxDxH): 670 x 1050 x 245 mm Gross weight: 24 kg Net weight: 20 kg Parcel service Shipping method: Construction 3 m Cable length of display device: Plastic Casing material: 250 x 160 x 58 mm Dimensions of display device

(WxDxH):

# KERN IFB 300K50DM

High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

Dimensions of weighing plate (WxDxH):	650 x 500 x 142 mm
of stand:	60 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	810 x 500 x 820 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	650 x 500 mm

#### Piktogramme

#### STANDARD



#### OPTION

DAkkS +3 Days





# KERN IFB 30K-3



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



### Measuring system

Vibration-free weighing (Animal

Weighing with tolerance range:

weighing program):

ine de dinig e jetein	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 g
Linearity:	4 g
Load cell connection:	6-wire
Readability [d]:	1 g
Recommended adjusting weight:	30 kg (F2)
Repeatability:	1 g
Resolution:	30000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	30 kg
Weighing system:	Strain gauge
Weighing units:	g kg lb Hj. tJ lb:oz
Display	
Display digit height (large):	5,200 cm
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	1 g
Mininum piece weight at piece counting (Normal):	10 g
Functions	
Counting function:	yes
Function to save totals:	yes

Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installatio	n:961-248
DAkkS Certificate:	963-128
Category	
Brand:	KERN
	Balances
Category:	Industiral scale
Product Group:	industrial scale
Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	465 x 795 x 230 mm
Gross weight:	11,930 kg
Net weight:	7,500 kg
Shipping method:	Parcel service
Construction	
Cable length of display device:	3 m
Casing material:	Plastic
Dimensions of display device (WxDxH):	250 x 160 x 58 mm
Dimensions of weighing plate (WxDxH):	400 x 300 x 128 mm
of stand:	60 cm
Level indicator:	VAS
	yes stainless steel
Material weighing plate: Overall dimensions mounted	yes stainless steel 5500 x 300 x 260 mm
Material weighing plate: Overall dimensions mounted (WxDxH):	stainless steel 5500 x 300 x 260 mm
Level indicator: Material weighing plate: Overall dimensions mounted (WxDxH): Revolving screw feet: Wall mount:	stainless steel

yes

yes

# KERN IFB 30K-3



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

#### Piktogramme

#### STANDARD

CAL EXT PROTOCOL RS 232 PRINTER PCS SUM TOL MOVE   A Image: Solution of the second sec	^ 🛤 🖦	КСР		GLP				<b>∧</b>
	MULTI DMS 1 DAY 2 DAYS		RS 232	PRINTER	PCS	SUM	TOL	MOVE
	OPTION	A CONTRACT OF A						

+3 DAYS



# KERN IFB 30K5DM



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



### Measuring system

ineacainig cycloni	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 g   10 g
Linearity:	5 g   10 g
Load cell connection:	4-wire
Readability [d]:	5 g   10 g
Recommended adjusting weight:	30 kg (M1)
Repeatability:	5 g   10 g
Resolution:	3 3.000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	10 min   10 min
Weighing capacity [Max]:	15 kg   30 kg
Weighing system:	Strain gauge
Weighing units:	kg
Display	
Display digit height (large):	5,200 cm
Technical data about verification	
Minimum load [Min]:	100 g   200 g
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	III
Verification value [e]:	5 g   10 g

#### Countina

Counting resolution:	30000	
Mininum piece weight at piece counting (Laboratory:	1 g	
Mininum piece weight at piece	10 g	

Functions	
Counting function:	yes
Function to save totals:	yes
Vibration-free weighing (Animal	yes
weighing program):	
Weighing with tolerance range:	yes
Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installatio	n:961-248
.,	
DAkkS Certificate:	963-128
Verification:	965-228
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	470 x 795 x 230 mm
Gross weight:	11,800 kg
Net weight:	7,500 kg
Shipping method:	Parcel service
Construction	
Cable length of display device:	3 m
Casing material:	Plastic
Dimensions of display device (WxDxH):	250 x 160 x 58 mm
Dimensions of weighing plate (WxDxH):	400 x 300 x 128 mm

counting (Normal): KERN & SOHN GmbH · Ziegelei 1 · 72336 Balingen · Germany · Tel. +49–(0)7433 - 99 33-0 · www.kern-sohn.com

# KERN IFB30K5DM

High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



of stand:	60 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	400 x 300 x 490 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	400 x 300 mm

### Piktogramme

#### STANDARD



OPTION

DAkkS +3 DAYS

8	D⁄A	<b>EED</b>	Μ
BT 2.0	ANALOG	ACCU	+3 DAYS

# KERN IFB3K-4



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



### Measuring system

ineacaring cycloin	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	500 mg
Linearity:	300 mg
Load cell connection:	4-wire
Readability [d]:	100 mg
Recommended adjusting weight:	3 kg (F2)
Repeatability:	100 mg
Resolution:	30000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	3 kg
Weighing system:	Strain gauge
Weighing units:	g kg lb Hj. tJ lb:oz
Display	
Display digit height (large):	5,200 cm
Counting	
Counting resolution:	15000
Mininum piece weight at piece counting (Laboratory:	200 mg
Mininum piece weight at piece counting (Normal):	2 g
Functions	
Counting function:	yes
Function to save totals:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Doworoupply	
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installatio	n:961-247
DAkkS Certificate:	963-127
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	415 x 700 x 240 mm
Gross weight:	7,030 kg
Net weight:	4,500 kg
Shipping method:	Parcel service
Construction	
Cable length of display device:	3 m
Casing material:	Plastic
Dimensions of display device (WxDxH):	250 x 160 x 58 mm
Dimensions of weighing plate (WxDxH):	230 x 230 x 110 mm
of stand:	3,300 m
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	230 x 230 x 360 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	230 x 230 mm

## KERN IFB3K-4



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

#### Piktogramme

#### STANDARD

Image: Super state stat	0174187414	-					
A H INT DMS 1 DAY 2 DAYS			12 10 10 10 10 10 10 10 10 10 10 10 10 10			-√+ ⊙ 🧿 ୬	-
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OPTION	MULTI DMS	1 DAY	2 DAYS				
OPTION							
	OPTION						
	DAkkS						

+3 DAYS



### KERN IFB600K-1M



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	500 g   1000 g
Linearity:	100 g   200 g
Load cell connection:	6-wire
Readability [d]:	100 g   200 g
Recommended adjusting weight:	600 kg (M1)
Repeatability:	100 g   200 g
Resolution:	3 3.000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	10 min   10 min
Weighing capacity [Max]:	300 kg   600 kg
Weighing system:	Strain gauge
Weighing units:	kg
Display	
Display digit height (large):	5,200 cm
Technical data about verification	
Minimum load [Min]:	2 kg   4 kg
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	III
Verification value [e]:	100 g   200 g
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	20 g
Mininum piece weight at piece	200 g

Functions		
Counting function:	yes	
Function to save totals:	yes	
Vibration-free weighing (Animal weighing program):	yes	
Weighing with tolerance range:	yes	
Environmental conditions		
Maximum humidity:	80 %	
Maximum operating temperature:	40 °C	
Minimum ambient temperature:	-10 °C	
Minimum humidity:	0 %	
Power supply		
Battery:	no battery	
Charging time:	12 h	
Input voltage:	100 V - 240 V 50 / 60 Hz	
Mains adapter:	Mains adapter external	
Mains adapter/adapter included:	US EURO UK	
Operating time (Backlight off):	35 h	
Operating time (Backlight on):	8 h	
Rechargeable battery:	Rchrg. battery optional	
Services (optional)		
Adjustment at the location of installation	n: 961-250	
DAkkS Certificate:	963-130	
Verification:	965-230	
Category		
Brand:	KERN	
Category:	Balances	
Product Group:	Industiral scale	
Packaging & shipping		
Delivery:	48 h	
Dimensions packaging (WxDxH):	1250 x 800 x 380 mm	
Gross weight:	70 kg	
Net weight:	43 kg	
Shipping method:	Freight forwarder	
Construction		
Cable length of display device:	3 m	
Casing material:	Plastic	
Dimensions of display device	250 x 160 x 58 mm	
(WxDxH):	200 A 100 A 30 11111	
Dimensions of weighing plate	800 x 600 x 200 mm	

counting (Normal): KERN & SOHN GmbH · Ziegelei 1 · 72336 Balingen · Germany · Tel. +49–(0)7433 - 99 33-0 · www.kern-sohn.com

# KERN IFB600K-1M

High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	800 x 600 x 190 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	800 x 600 mm

### Piktogramme

#### STANDARD



DAkkS

+3 DAYS



# KERN IFB600K-2



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



### Measuring system

ineacainig cyclein	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	100 g
Linearity:	60 g
Load cell connection:	6-wire
Readability [d]:	20 g
Recommended adjusting weight:	600 kg (F2)
Repeatability:	20 g
Resolution:	30000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	600 kg
Weighing system:	Strain gauge
Weighing units:	g kg lb Hj. tJ lb:oz
Display	
Display digit height (large):	5,200 cm
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	20 g
Mininum piece weight at piece counting (Normal):	200 g
Functions	
Counting function:	yes
Function to save totals:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installation	on:961-250
DAkkS Certificate:	963-130
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Delivery:	48 h
Dimensions packaging (WxDxH):	1250 x 800 x 380 mm
Gross weight:	70 kg
Net weight:	43 kg
Shipping method:	Freight forwarder
Construction	
Cable length of display device:	3 m
Casing material:	Plastic
Dimensions of display device (WxDxH):	250 x 160 x 58 mm
Dimensions of weighing plate (WxDxH):	800 x 600 x 200 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	800 x 600 x 190 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	800 x 600 mm

# KERN IFB600K-2



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

#### Piktogramme

#### STANDARD



# KERN IFB60K-3



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



### Measuring system

weighing program):

Weighing with tolerance range:

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Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	10 g
Linearity:	8 g
Load cell connection:	6-wire
Readability [d]:	2 g
Recommended adjusting weight:	60 kg (F2)
Repeatability:	2 g
Resolution:	30000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	60 kg
Weighing system:	Strain gauge
Weighing units:	g kg lb Hj. tJ lb:oz
Display	
Display digit height (large):	5,200 cm
Counting	
Counting resolution:	60000
Mininum piece weight at piece counting (Laboratory:	1 g
Mininum piece weight at piece counting (Normal):	10 g
Functions	
Counting function:	yes
	yes yes

Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installation	on: 961-249
DAkkS Certificate:	963-129
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	470 x 800 x 220 mm
Gross weight:	12 kg
Net weight:	7,500 kg
Shipping method:	Parcel service
Construction	
Cable length of display device:	3 m
Casing material:	Plastic
Dimensions of display device (WxDxH):	250 x 160 x 58 mm
Dimensions of weighing plate (WxDxH):	400 x 300 x 128 mm
of stand:	60 cm
Level indicator:	yes
Material weighing plate:	stainless steel
	400 x 300 x 120 mm
Overall dimensions mounted (WxDxH):	
(WxDxH):	ves
	yes yes

yes

# KERN IFB60K-3



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

#### Piktogramme

#### STANDARD

KCP   Image: GLP   Image: GLP

+3 DAYS



# KERN IFB60K-3L



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



### Measuring system

weighing program):

Weighing with tolerance range:

niededning eyetenn	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	10 g
Linearity:	8 g
Load cell connection:	4-wire
Readability [d]:	2 g
Recommended adjusting weight:	60 kg (F2)
Repeatability:	2 g
Resolution:	30000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	60 kg
Weighing system:	Strain gauge
Weighing units:	g kg lb Hj. tJ lb:oz
Display	
Display digit height (large):	5,200 cm
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	2 g
Mininum piece weight at piece	20 g
counting (Normal):	
Functions	
Functions Counting function:	yes
Functions	yes yes

Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installati	on:961-249
DAkkS Certificate:	963-129
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	555 x 930 x 215 mm
Gross weight:	15,900 kg
Net weight:	11 kg
Shipping method:	Parcel service
Construction	
	0
Cable length of display device:	3 m
Casing material:	Plastic
Dimensions of display device (WxDxH):	250 x 160 x 58 mm
Dimensions of weighing plate (WxDxH):	500 x 400 x 130 mm
of stand:	60 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	500 x 400 x 130 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	500 x 400 mm

yes

## KERN IFB60K-3L



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

#### Piktogramme

#### STANDARD

01/01/01/01			
CAL EXT PROTOCOL	RS 232 PRINTE	A -√+ ③ ③ ③ TOL	MOVE IP 65
OPTION			
DAkkS +3 DAYS			



### KERN IFB60K10DLM



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



Measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	10 g   20 g
Linearity:	10 g   20 g
Load cell connection:	6-wire
Readability [d]:	10 g   20 g
Recommended adjusting weight:	60 kg (M1)
Repeatability:	10 g   20 g
Resolution:	3 3.000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	10 min   10 min
Weighing capacity [Max]:	30 kg   60 kg
Weighing system:	Strain gauge
Weighing units:	kg
Display	
Display digit height (large):	5,200 cm
Technical data about verification	
Minimum load [Min]:	200 g   400 g
Poriodia Varification for Italy:	060 112

Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	III
Verification value [e]:	10 g   20 g

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Counting resolution:	30000	
Mininum piece weight at piece counting (Laboratory:	2 g	
Mininum piece weight at piece	20 g	

Functions	
Counting function:	yes
Function to save totals:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes
Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installation	961-249
	1.001 240
DAkkS Certificate:	963-129
Verification:	965-229
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	555 x 940 x 240 mm
Gross weight:	15,990 kg
Net weight:	11 kg
Shipping method:	Parcel service
Construction	
Cable length of display device:	3 m
Casing material:	Plastic
Dimensions of display device (WxDxH):	250 x 160 x 58 mm
Dimensions of weighing plate (WxDxH):	500 x 400 x 130 mm

counting (Normal): KERN & SOHN GmbH · Ziegelei 1 · 72336 Balingen · Germany · Tel. +49–(0)7433 - 99 33-0 · www.kern-sohn.com

# KERN IFB60K10DLM



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

of stand:	60 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	660 x 400 x 760 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	500 x 400 mm

### Piktogramme

#### STANDARD



OPTION

DAkks +3 days

8	D⁄A	E C C C C C C C C C C C C C C C C C C C	Μ
BT 2.0	ANALOG	ACCU	+3 DAYS

# KERN IFB60K10DM



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



Meas	urina	C)	/stam
Incas	unny	5	30011

weasuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	50 g   100 g
Linearity:	10 g   20 g
Load cell connection:	4-wire
Readability [d]:	10 g   20 g
Recommended adjusting weight:	60 kg (M1)
Repeatability:	10 g   20 g
Resolution:	3 3.000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	10 min   10 min
Weighing capacity [Max]:	30 kg   60 kg
Weighing system:	Strain gauge
Weighing units:	kg
Display	
Display digit height (large):	5,200 cm
Technical data about verification	
Minimum load [Min]:	200 g   400 g
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	III
Verification value [e]:	10 g   20 g
Counting	
Counting resolution:	60000
Mininum piece weight at piece counting (Laboratory:	1 g
Mininum piece weight at piece	10 g

Functions	
Counting function:	yes
Function to save totals:	yes
Vibration-free weighing (Animal	yes
weighing program):	
Weighing with tolerance range:	yes
Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installatio	n:961-249
DAkkS Certificate:	963-129
Verification:	965-229
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	470 x 805 x 230 mm
Gross weight:	11,900 kg
Net weight:	7,500 kg
Shipping method:	Parcel service
empping meaned.	
Construction	
Cable length of display device:	3 m
Casing material:	Plastic
Dimensions of display device (WxDxH):	250 x 160 x 58 mm
Dimensions of weighing plate (WxDxH):	400 x 300 x 128 mm

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# KERN IFB60K10DM

KERN

High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

of stand:	60 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	560 x 300 x 490 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	400 x 300 mm

### Piktogramme

#### STANDARD



OPTION

DAkkS +3 DAYS

8	D⁄A	E C C C C C C C C C C C C C C C C C C C	Μ
BT 2.0	ANALOG	ACCU	+3 DAYS

### KERN IFB6K-3SM



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



#### Measuring system

Mininum piece weight at piece

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 g   10 g
Linearity:	1 g   2 g
Load cell connection:	4-wire
Readability [d]:	1 g   2 g
Recommended adjusting weight:	6 kg (M1)
Repeatability:	1 g   2 g
Resolution:	3 3.000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	10 min   10 min
Weighing capacity [Max]:	3 kg   6 kg
Weighing system:	Strain gauge
Weighing units:	kg
Display	
Display digit height (large):	5,200 cm
Technical data about verification	
Minimum load [Min]:	20 g   40 g
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	III
Verification value [e]:	1 g   2 g
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	200 mg

Functions Counting function: yes Function to save totals: yes Vibration-free weighing (Animal yes weighing program): Weighing with tolerance range: yes Environmental conditions 80 % Maximum humidity: 40 °C Maximum operating temperature: Minimum ambient temperature: -10 °C Minimum humidity: 0% Power supply Battery: no battery Charging time: 12 h Input voltage: 100 V - 240 V 50 / 60 Hz Mains adapter external Mains adapter: Mains adapter/adapter included: US EURO UK Operating time (Backlight off): 35 h Operating time (Backlight on): 8 h Rechargeable battery: Rchrg. battery optional Services (optional) Adjustment at the location of installation: 961-248 DAkkS Certificate: 963-128 Verification: 965-228 Category **KERN** Brand: Category: Balances Product Group: Industiral scale Packaging & shipping Delivery: 24 h Dimensions packaging (WxDxH): 500 x 330 x 230 mm Gross weight: 6,170 kg Net weight: 4,600 kg Shipping method: Parcel service Construction Cable length of display device: 3 m Plastic Casing material: Dimensions of display device 250 x 160 x 58 mm (WxDxH): Dimensions of weighing plate 230 x 230 x 110 mm

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(WxDxH):

2 g

# KERN IFB6K-3SM

High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



of stand:	3,300 m
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	230 x 230 x 360 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	230 x 230 mm

### Piktogramme

#### STANDARD



#### OPTION

DAkks +3 days

*	D⁄A	<b>EED</b>	Μ
BT 2.0	ANALOG	ACCU	+3 DAYS

# KERN IFB6K-4



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



### Measuring system

inededining eyetenin	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	1 g
Linearity:	600 mg
Load cell connection:	4-wire
Readability [d]:	200 mg
Recommended adjusting weight:	6 kg (F2)
Repeatability:	200 mg
Resolution:	30000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	6 kg
Weighing system:	Strain gauge
Weighing units:	g kg lb Hj. tJ lb:oz
Display	
Display digit height (large):	5,200 cm
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	200 mg
Mininum piece weight at piece counting (Normal):	2 g
Functions	
Counting function:	yes
Function to save totals:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
Sorvigos (optional)	
Services (optional)	
Adjustment at the location of installation	n:961-248
DAkkS Certificate:	963-128
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Packaging & shipping Delivery:	24 h
	24 h 415 x 700 x 240 mm
Delivery:	415 x 700 x 240 mm
Delivery: Dimensions packaging (WxDxH):	
Delivery: Dimensions packaging (WxDxH): Gross weight:	415 x 700 x 240 mm 7,030 kg
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method:	415 x 700 x 240 mm 7,030 kg 5 kg
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction	415 x 700 x 240 mm 7,030 kg 5 kg Parcel service
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device:	415 x 700 x 240 mm 7,030 kg 5 kg Parcel service 3 m
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material:	415 x 700 x 240 mm 7,030 kg 5 kg Parcel service 3 m Plastic
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device:	415 x 700 x 240 mm 7,030 kg 5 kg Parcel service 3 m
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device	415 x 700 x 240 mm 7,030 kg 5 kg Parcel service 3 m Plastic
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate	415 x 700 x 240 mm 7,030 kg 5 kg Parcel service 3 m Plastic 250 x 160 x 58 mm
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate (WxDxH):	415 x 700 x 240 mm 7,030 kg 5 kg Parcel service 3 m Plastic 250 x 160 x 58 mm 300 x 240 x 110 mm
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate (WxDxH): of stand:	415 x 700 x 240 mm 7,030 kg 5 kg Parcel service 3 m Plastic 250 x 160 x 58 mm 300 x 240 x 110 mm 3,300 m
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate (WxDxH): of stand: Level indicator:	415 x 700 x 240 mm 7,030 kg 5 kg Parcel service 3 m Plastic 250 x 160 x 58 mm 300 x 240 x 110 mm 3,300 m yes
Delivery: Dimensions packaging (WxDxH): Gross weight: Net weight: Shipping method: Construction Cable length of display device: Casing material: Dimensions of display device (WxDxH): Dimensions of weighing plate (WxDxH): of stand: Level indicator: Material weighing plate: Overall dimensions mounted	415 x 700 x 240 mm 7,030 kg 5 kg Parcel service 3 m Plastic 250 x 160 x 58 mm 300 x 240 x 110 mm 3,300 m yes stainless steel
Delivery:Dimensions packaging (WxDxH):Gross weight:Net weight:Shipping method:ConstructionCable length of display device:Casing material:Dimensions of display device(WxDxH):Dimensions of weighing plate(WxDxH):of stand:Level indicator:Material weighing plate:Overall dimensions mounted(WxDxH):	415 x 700 x 240 mm 7,030 kg 5 kg Parcel service 3 m Plastic 250 x 160 x 58 mm 300 x 240 x 110 mm 3,300 m yes stainless steel 460 x 240 x 360 mm

### KERN IFB6K-4



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

#### Piktogramme

#### STANDARD

KCP   Image: GLP   Image: GLP

+3 DAYS



# KERN IFB6K-4S



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



### Measuring system

Medoding bystem	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	1 g
Linearity:	600 mg
Load cell connection:	4-wire
Readability [d]:	200 mg
Recommended adjusting weight:	6 kg (F2)
Repeatability:	200 mg
Resolution:	30000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	2 h
Weighing capacity [Max]:	6 kg
Weighing system:	Strain gauge
Weighing units:	g kg lb Hj. tJ lb:oz
Display	
Display digit height (large):	5,200 cm
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	200 mg
Mininum piece weight at piece counting (Normal):	2 g
Functions	
Counting function:	yes
Function to save totals:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions	
Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %
Power supply	
Battery:	no battery
Charging time:	12 h
Input voltage:	100 V - 240 V 50 / 60 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK
Operating time (Backlight off):	35 h
Operating time (Backlight on):	8 h
Rechargeable battery:	Rchrg. battery optional
Services (optional)	
Adjustment at the location of installation	on:961-248
DAkkS Certificate:	963-128
Category	
Brand:	KERN
Category:	Balances
Product Group:	Industiral scale
Packaging & shipping	
Delivery:	24 h
Dimensions packaging (WxDxH):	415 x 700 x 240 mm
Gross weight:	7,030 kg
Net weight:	4,500 kg
Shipping method:	Parcel service
Construction	
Cable length of display device:	3 m
Casing material:	Plastic
Dimensions of display device (WxDxH):	250 x 160 x 58 mm
Dimensions of weighing plate (WxDxH):	230 x 230 x 110 mm
of stand:	3,300 m
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	230 x 230 x 360 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	230 x 230 mm

### KERN IFB6K-4S



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

#### Piktogramme

#### STANDARD

CAL EXT	KCP PROTOCOL	• AND • RS 232		PCS	SUM	-√+ ⊙ Э়₀ TOL	
	PRUTULUL	RS 232	PRINTER	PLS	SUM	IUL	MUVE
			<b>9</b>				
MULTI	DMS	1 DAY	2 DAYS				
OPTIC	NC						
DAkkS							

+3 DAYS



### KERN IFB6K1DM



High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



Meas	uring	SVS	stem
	- 3		

measuring system	
Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	1 g   2 g
Linearity:	1 g   2 g
Load cell connection:	4-wire
Readability [d]:	1 g   2 g
Recommended adjusting weight:	6 kg (M1)
Repeatability:	1 g   2 g
Resolution:	3 3.000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	10 min   10 min
Weighing capacity [Max]:	3 kg   6 kg
Weighing system:	Strain gauge
Weighing units:	kg
Display Display digit height (large):	5,200 cm
Technical data about verification	
Minimum load [Min]:	20 g   40 g
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	III
Verification value [e]:	1 g   2 g
Counting	
Counting resolution:	30000
Mininum piece weight at piece counting (Laboratory:	200 mg
Mininum piece weight at piece	2 g

Functions Counting function: yes Function to save totals: yes Vibration-free weighing (Animal yes weighing program): Weighing with tolerance range: yes Environmental conditions 80 % Maximum humidity: 40 °C Maximum operating temperature: Minimum ambient temperature: -10 °C Minimum humidity: 0% Power supply Battery: no battery Charging time: 12 h Input voltage: 100 V - 240 V 50 / 60 Hz Mains adapter external Mains adapter: Mains adapter/adapter included: US EURO UK Operating time (Backlight off): 35 h Operating time (Backlight on): 8 h Rechargeable battery: Rchrg. battery optional Services (optional) Adjustment at the location of installation: 961-248 DAkkS Certificate: 963-128 Verification: 965-228 Category **KERN** Brand: Category: Balances Product Group: Industiral scale Packaging & shipping Delivery: 24 h Dimensions packaging (WxDxH): 695 x 405 x 220 mm Gross weight: 7,200 kg Net weight: 5 kg Parcel service Shipping method: Construction Cable length of display device: 3 m Plastic Casing material: Dimensions of display device 250 x 160 x 58 mm (WxDxH): Dimensions of weighing plate 300 x 240 x 110 mm

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(WxDxH):

# KERN IFB6K1DM

High-resolution scale in heavy version with EC type approval [M], now also up to [Max] 600 kg



of stand:	3,300 m
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	460 x 240 x 360 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	300 x 240 mm

### Piktogramme

#### STANDARD



OPTION

DAkkS +3 DAYS

*	D⁄A	<b>EED</b>	Μ
BT 2.0	ANALOG	ACCU	+3 DAYS