

# KERN SFB 100K-2HM



Stainless steel platform balance with dust and spray protection to IP65 and EC type approval [M]



## Technical data about verification

Minimum load [Min]:	1 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

## 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:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %

## Power supply

Charging time:	12 h
Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US UK EURO CH AUS
Operating time (Backlight off):	35 h
Operating time (Backlight on):	20 h

## Services (optional)

Adjustment at the location of installation: 961-249

DAkkS Certificate:	963-129
Verification:	965-229

## Category

Brand:	KERN
Category:	Balances
Product Group:	Industrial scale

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	795 x 465 x 220 mm
Gross weight:	14,100 kg
Net weight:	9,700 kg
Shipping method:	Parcel service
UN number:	2800

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	50 g
Linearity:	50 g
Load cell connection:	6-wire
Readability [d]:	50 g
Recommended adjusting weight:	120 kg (M1)
Repeatability:	50 g
Resolution:	3000
Stabilisation time under laboratory conditions:	2 s
Tare range:	150 kg
Warm up time:	10 min
Weighing capacity [Max]:	150 kg
Weighing system:	Strain gauge
Weighing units:	kg

## Display

Display digit height (large):	5,200 cm
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# KERN SFB 100K-2HM



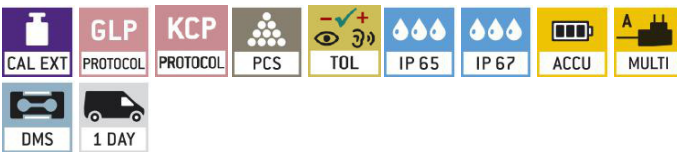
Stainless steel platform balance with dust and spray protection to IP65 and EC type approval [M]

## Construction

Cable length:	2,500 m
Cable length of display device:	0 mm
Dimensions of display device (WxDxH):	266 x 165 x 96 mm
Dimensions of weighing plate (WxDxH):	400 x 300 x 128 mm
of stand:	40 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	400 x 460 x 590 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	400 x 300 mm

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN SFB 100K10HIP



Stainless steel platform balance with dust and spray protection to IP65 and EC type approval [M]



## 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:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %

## Power supply

Charging time:	12 h
Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US UK EURO CH AUS
Operating time (Backlight off):	35 h
Operating time (Backlight on):	20 h

## Services (optional)

Adjustment at the location of installation: 961-249

DAkkS Certificate: 963-129

## Category

Brand:	KERN
Category:	Balances
Product Group:	Industrial scale

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	558 x 932 x 214 mm
Gross weight:	16,110 kg
Net weight:	9,700 kg
Shipping method:	Parcel service
UN number:	2800

## Construction

Cable length of display device:	0 mm
Dimensions of display device (WxDxH):	266 x 165 x 96 mm
Dimensions of weighing plate (WxDxH):	400 x 300 x 110 mm
of stand:	40 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	401 x 500 x 110 mm

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	50 g
Linearity:	20 g
Load cell connection:	6-wire
Readability [d]:	10 g
Recommended adjusting weight:	100 kg (M1)
Repeatability:	10 g
Resolution:	10000
Stabilisation time under laboratory conditions:	2 s
Tare range:	100 kg
Warm up time:	30 min
Weighing capacity [Max]:	100 kg
Weighing system:	Strain gauge
Weighing units:	lb:oz g kg lb Hj. tJ

## Display

Display digit height (large):	5,200 cm
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# KERN SFB100K10HIP

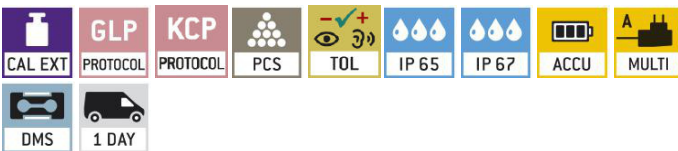


Stainless steel platform balance with dust and spray protection to IP65 and EC type approval [M]

Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	400 x 300 mm

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN SFB10K1HIP



Stainless steel platform balance with dust and spray protection to IP65 and EC type approval  
[M]



## 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:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	10 %

## Power supply

Charging time:	12 h
Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US UK EURO CH AUS
Operating time (Backlight off):	35 h
Operating time (Backlight on):	20 h

## Services (optional)

Adjustment at the location of installation: 961-248

DAkkS Certificate: 963-128

## Category

Brand:	KERN
Category:	Balances
Product Group:	Industrial scale

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	695 x 415 x 225 mm
Gross weight:	9,780 kg
Net weight:	7,500 kg
Shipping method:	Parcel service
UN number:	2800

## Construction

Cable length of display device:	0 mm
Dimensions of display device (WxDxH):	266 x 165 x 96 mm
Dimensions of weighing plate (WxDxH):	300 x 240 x 105 mm
of stand:	20 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	300 x 400 x 395 mm

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	1 g
Linearity:	1 g
Load cell connection:	6-wire
Readability [d]:	1 g
Recommended adjusting weight:	10 kg (M1)
Repeatability:	1 g
Resolution:	10000
Stabilisation time under laboratory conditions:	2 s
Tare range:	-10 kg
Warm up time:	30 min
Weighing capacity [Max]:	10 kg
Weighing system:	Strain gauge
Weighing units:	lb:oz g kg lb Hj. tJ

## Display

Display digit height (large):	5,200 cm
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# KERN SFB10K1HIP

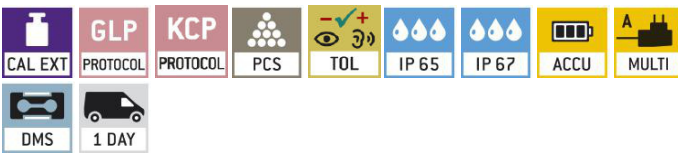


Stainless steel platform balance with dust and spray protection to IP65 and EC type approval [M]

Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	300 x 240 mm

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN SFB 15K5HIPM



Stainless steel platform balance with dust and spray protection to IP65 and EC type approval [M]



## Technical data about verification

Minimum load [Min]:	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]:	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:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %

## Power supply

Charging time:	12 h
Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US UK EURO CH AUS
Operating time (Backlight off):	35 h
Operating time (Backlight on):	20 h

## Services (optional)

Adjustment at the location of installation: 961-248

DAkkS Certificate:	963-128
Verification:	965-228

## Category

Brand:	KERN
Category:	Balances
Product Group:	Industrial scale

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	695 x 420 x 230 mm
Gross weight:	9,574 kg
Net weight:	7,500 kg
Shipping method:	Parcel service
UN number:	2800

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 g
Linearity:	5 g
Load cell connection:	6-wire
Readability [d]:	5 g
Recommended adjusting weight:	15 kg (M1)
Repeatability:	5 g
Resolution:	3000
Stabilisation time under laboratory conditions:	2 s
Tare range:	-15 kg
Warm up time:	10 min
Weighing capacity [Max]:	15 kg
Weighing system:	Strain gauge
Weighing units:	kg

## Display

Display digit height (large):	5,200 cm
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# KERN SFB 15K5HIPM



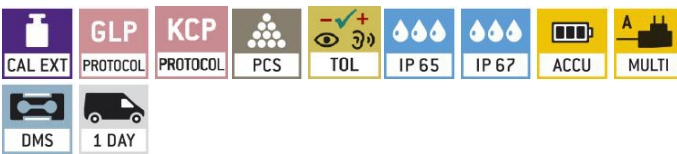
Stainless steel platform balance with dust and spray protection to IP65 and EC type approval [M]

## Construction

Cable length of display device:	0 mm
Dimensions of display device (WxDxH):	266 x 165 x 96 mm
Dimensions of weighing plate (WxDxH):	300 x 240 x 100 mm
of stand:	20 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	300 x 400 x 400 mm
Revolving screw feet:	yes
Weighing surface (WxD):	300 x 240 mm

## Piktogramme

### STANDARD



### OPTION



### FACTORY





# KERN SFB20K2HIP



Stainless steel platform balance with dust and spray protection to IP65 and EC type approval  
[M]



## 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:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	10 %

## Power supply

Charging time:	12 h
Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US UK EURO CH AUS
Operating time (Backlight off):	35 h
Operating time (Backlight on):	20 h

## Services (optional)

Adjustment at the location of installation: 961-248

DAkkS Certificate:	963-128
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## Category

Brand:	KERN
Category:	Balances
Product Group:	Industrial scale

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	695 x 415 x 225 mm
Gross weight:	9,780 kg
Net weight:	7,500 kg
Shipping method:	Parcel service
UN number:	2800

## Construction

Cable length of display device:	0 mm
Dimensions of display device (WxDxH):	266 x 165 x 96 mm
Dimensions of weighing plate (WxDxH):	300 x 240 x 105 mm
of stand:	20 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	300 x 400 x 395 mm

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	2 g
Linearity:	2 g
Load cell connection:	6-wire
Readability [d]:	2 g
Recommended adjusting weight:	10 kg (M1)
Repeatability:	2 g
Resolution:	10000
Stabilisation time under laboratory conditions:	2 s
Tare range:	-20 kg
Warm up time:	30 min
Weighing capacity [Max]:	20 kg
Weighing system:	Strain gauge
Weighing units:	lb:oz g kg lb Hj. tJ

## Display

Display digit height (large):	5,200 cm
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# KERN SFB20K2HIP

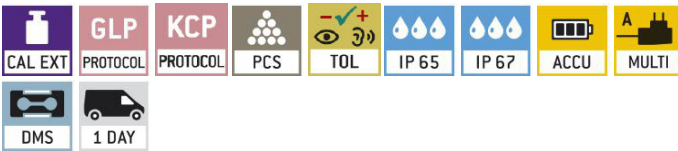


Stainless steel platform balance with dust and spray protection to IP65 and EC type approval [M]

Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	300 x 240 mm

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN SFB30K10HIPM



Stainless steel platform balance with dust and spray protection to IP65 and EC type approval [M]



## Technical data about verification

Minimum load [Min]:	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]:	10 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:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %

## Power supply

Charging time:	12 h
Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US UK EURO CH AUS
Operating time (Backlight off):	35 h
Operating time (Backlight on):	20 h

## Services (optional)

Adjustment at the location of installation: 961-248

DAkkS Certificate:	963-128
Verification:	965-228

## Category

Brand:	KERN
Category:	Balances
Product Group:	Industrial scale

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	700 x 410 x 220 mm
Gross weight:	9,370 kg
Net weight:	7,500 kg
Shipping method:	Parcel service
UN number:	2800

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	10 g
Linearity:	10 g
Load cell connection:	6-wire
Readability [d]:	10 g
Recommended adjusting weight:	30 kg (M1)
Repeatability:	10 g
Resolution:	3000
Stabilisation time under laboratory conditions:	2 s
Tare range:	-30 kg
Warm up time:	10 min
Weighing capacity [Max]:	30 kg
Weighing system:	Strain gauge
Weighing units:	kg

## Display

Display digit height (large):	5,200 cm
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# KERN SFB30K10HIPM



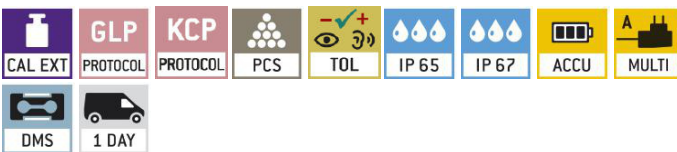
Stainless steel platform balance with dust and spray protection to IP65 and EC type approval [M]

## Construction

Cable length of display device:	0 mm
Dimensions of display device (WxDxH):	266 x 165 x 96 mm
Dimensions of weighing plate (WxDxH):	300 x 240 x 100 mm
of stand:	20 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	300 x 400 x 390 mm
Revolving screw feet:	yes
Weighing surface (WxD):	300 x 240 mm

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN SFB50K5HIP



Stainless steel platform balance with dust and spray protection to IP65 and EC type approval  
[M]



## 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:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	10 %

## Power supply

Charging time:	12 h
Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US UK EURO CH AUS
Operating time (Backlight off):	35 h
Operating time (Backlight on):	20 h

## Services (optional)

Adjustment at the location of installation: 961-248

DAkkS Certificate:	963-128
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## Category

Brand:	KERN
Category:	Balances
Product Group:	Industrial scale

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	695 x 415 x 225 mm
Gross weight:	9,780 kg
Net weight:	7,500 kg
Shipping method:	Parcel service
UN number:	2800

## Construction

Cable length of display device:	0 mm
Dimensions of display device (WxDxH):	266 x 165 x 96 mm
Dimensions of weighing plate (WxDxH):	300 x 240 x 105 mm
of stand:	20 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	300 x 400 x 395 mm

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 g
Linearity:	5 g
Load cell connection:	6-wire
Readability [d]:	5 g
Recommended adjusting weight:	50 kg (M1)
Repeatability:	5 g
Resolution:	10000
Stabilisation time under laboratory conditions:	2 s
Tare range:	-50 kg
Warm up time:	30 min
Weighing capacity [Max]:	50 kg
Weighing system:	Strain gauge
Weighing units:	lb:oz g kg lb Hj. tJ

## Display

Display digit height (large):	5,200 cm
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# KERN SFB50K5HIP

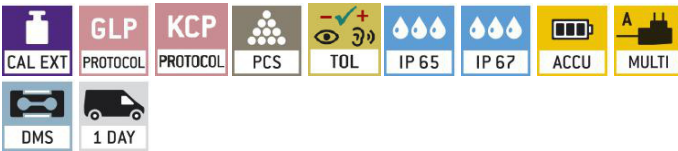


Stainless steel platform balance with dust and spray protection to IP65 and EC type approval [M]

Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	300 x 240 mm

## Piktogramme

### STANDARD



### OPTION



### FACTORY



# KERN SFB50K5LHIP



Stainless steel platform balance with dust and spray protection to IP65 and EC type approval  
[M]



## 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:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	10 %

## Power supply

Charging time:	12 h
Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US UK EURO CH AUS
Operating time (Backlight off):	35 h
Operating time (Backlight on):	20 h

## Services (optional)

Adjustment at the location of installation: 961-248

DAkkS Certificate: 963-128

## Category

Brand:	KERN
Category:	Balances
Product Group:	Industrial scale

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	695 x 415 x 225 mm
Gross weight:	9,780 kg
Net weight:	9,700 kg
Shipping method:	Parcel service
UN number:	2800

## Construction

Cable length of display device:	0 mm
Dimensions of display device (WxDxH):	266 x 165 x 96 mm
Dimensions of weighing plate (WxDxH):	400 x 300 x 105 mm
of stand:	40 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	300 x 400 x 395 mm

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 g
Linearity:	5 g
Load cell connection:	6-wire
Readability [d]:	5 g
Recommended adjusting weight:	50 kg (M1)
Repeatability:	5 g
Resolution:	10000
Stabilisation time under laboratory conditions:	2 s
Tare range:	-50 kg
Warm up time:	30 min
Weighing capacity [Max]:	50 kg
Weighing system:	Strain gauge
Weighing units:	lb:oz g kg lb Hj. tJ

## Display

Display digit height (large):	5,200 cm
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# KERN SFB50K5LHIP

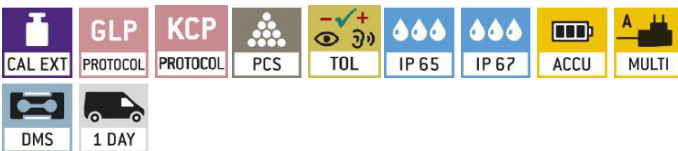


Stainless steel platform balance with dust and spray protection to IP65 and EC type approval [M]

Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	400 x 300 mm

## Piktogramme

### STANDARD



### OPTION



### FACTORY





# KERN SFB 60K20LHIPM



Stainless steel platform balance with dust and spray protection to IP65 and EC type approval [M]



## Technical data about verification

Minimum load [Min]:	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]:	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:	95 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C
Minimum humidity:	0 %

## Power supply

Charging time:	12 h
Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US UK EURO CH AUS
Operating time (Backlight off):	35 h
Operating time (Backlight on):	20 h

## Services (optional)

Adjustment at the location of installation: 961-249

DAkkS Certificate:	963-129
Verification:	965-229

## Category

Brand:	KERN
Category:	Balances
Product Group:	Industrial scale

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	470 x 800 x 240 mm
Gross weight:	14,700 kg
Net weight:	9,700 kg
Shipping method:	Parcel service
UN number:	2800

## Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	20 g
Linearity:	20 g
Load cell connection:	6-wire
Readability [d]:	20 g
Recommended adjusting weight:	60 kg (M1)
Repeatability:	20 g
Resolution:	3000
Stabilisation time under laboratory conditions:	2 s
Tare range:	-60 kg
Warm up time:	10 min
Weighing capacity [Max]:	60 kg
Weighing system:	Strain gauge
Weighing units:	kg

## Display

Display digit height (large):	5,200 cm
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# KERN SFB 60K20LHIPM



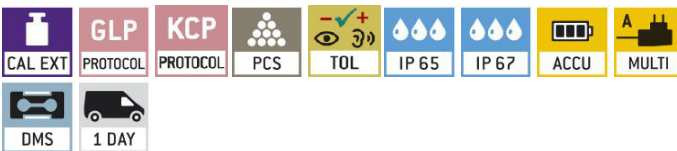
Stainless steel platform balance with dust and spray protection to IP65 and EC type approval [M]

## Construction

Cable length of display device:	0 mm
Dimensions of display device (WxDxH):	266 x 165 x 96 mm
Dimensions of weighing plate (WxDxH):	400 x 300 x 128 mm
of stand:	40 cm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	400 x 460 x 590 mm
Revolving screw feet:	yes
Wall mount:	yes
Weighing surface (WxD):	400 x 300 mm

## Piktogramme

### STANDARD



### OPTION



### FACTORY

