

KERN CFS300-3

Professional, high-resolution counting balance with 100 item memories and second balance interface, counting resolution up to 75,000 points

KERN®



Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	0 °C
Minimum humidity:	0 %

Power supply

Charging time:	14 h
Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH UK US
Operating time (Backlight off):	70 h
Operating time (Backlight on):	40 h
Rechargeable battery:	Rchrg. battery optional

Services (optional)

DAkkS Certificate:	963-127
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Category

Brand:	KERN
Category:	Balances
Product Group:	Counting scale

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	640 x 540 x 230 mm
Gross weight:	5,500 kg
Net weight:	2,500 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions device (WxDxH):	320 x 350 x 125 mm
Dimensions draft shield (WxDxH):	167 x 154 x 80 mm
Dimensions housing (WxDxH):	315 x 350 x 110 mm
Dimensions of display device (WxDxH):	320 x 350 x 120 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	315 x 350 x 185 mm
Revolving screw feet:	yes
Weighing space (WxDxH):	155 x 141 x 80 mm
Weighing surface (d):	80

Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	6 mg
Linearity:	4 mg
Readability [d]:	1 mg
Recommended adjusting weight:	200 g (F1); 100 g (F1)
Repeatability:	2 mg
Resolution:	300000
Stabilisation time under laboratory conditions:	2 s
Tare range:	300 g
Warm up time:	2 h
Weighing capacity [Max]:	300 g
Weighing system:	Strain gauge
Weighing units:	g

Display

Display digit height (large):	2 cm
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Counting

Counting resolution:	60000
Minimum piece weight at piece counting (Laboratory):	5 mg
Minimum piece weight at piece counting (Normal):	50 mg
Reference weight:	yes

Functions

Conversion function:	yes
Counting function:	yes
Function to save totals:	yes
PRE-TARE function:	yes
Weighing with tolerance range:	yes

KERN CFS300-3



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KERN CFS30K0.5

Professional, high-resolution counting balance with 100 item memories and second balance interface, counting resolution up to 75,000 points



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	2,500 g
Linearity:	1 g
Readability [d]:	500 mg
Recommended adjusting weight:	10 kg (F2); 20 kg (F2)
Repeatability:	500 mg
Resolution:	60000
Stabilisation time under laboratory conditions:	2 s
Tare range:	30 kg
Warm up time:	2 h
Weighing capacity [Max]:	30 kg
Weighing system:	Strain gauge
Weighing units:	kg lb

Display

Display digit height (large):	2 cm
Display digit height (small):	2 cm

Counting

Counting resolution:	60000
Minimum piece weight at piece counting (Laboratory):	500 mg
Minimum piece weight at piece counting (Normal):	5 g
Reference weight:	yes

Functions

Conversion function:	yes
Counting function:	yes
Function to save totals:	yes
PRE-TARE function:	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	0 °C
Minimum humidity:	0 %

Power supply

Charging time:	14 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter/adaptor included:	EURO CH UK US
Operating time (Backlight off):	70 h
Operating time (Backlight on):	40 h
Rechargeable battery:	Rchrg. battery optional

Services (optional)

Adjustment at the location of installation:	961-248
DAkkS Certificate:	963-128

Category

Brand:	KERN
Category:	Balances
Product Group:	Counting scale

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	450 x 375 x 220 mm
Gross weight:	4,400 kg
Net weight:	3,230 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions device (WxDxH):	320 x 350 x 125 mm
Dimensions housing (WxDxH):	315 x 350 x 100 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	315 x 350 x 125 mm
Revolving screw feet:	yes
Weighing surface (WxD):	295 x 225 mm

KERN CFS30K0.5



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KERN CFS3K-5



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Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	0 °C
Minimum humidity:	0 %

Power supply

Charging time:	14 h
Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH UK US
Operating time (Backlight off):	70 h
Operating time (Backlight on):	40 h
Rechargeable battery:	Rchrg. battery optional

Services (optional)

DAkkS Certificate:	963-127
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Category

Brand:	KERN
Category:	Balances
Product Group:	Counting scale

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	450 x 375 x 220 mm
Gross weight:	4,400 kg
Net weight:	3,211 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions device (WxDxH):	320 x 350 x 125 mm
Dimensions housing (WxDxH):	315 x 350 x 100 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	315 x 350 x 125 mm
Revolving screw feet:	yes
Weighing surface (WxD):	295 x 225 mm

Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	60 mg
Linearity:	100 mg
Readability [d]:	10 mg
Recommended adjusting weight:	2 kg (F1); 1 kg (F1)
Repeatability:	30 mg
Resolution:	300000
Stabilisation time under laboratory conditions:	2 s
Tare range:	3 kg
Warm up time:	2 h
Weighing capacity [Max]:	3 kg
Weighing system:	Strain gauge
Weighing units:	kg lb

Display

Display digit height (large):	2 cm
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Counting

Counting resolution:	60000
Minimum piece weight at piece counting (Laboratory):	50 mg
Minimum piece weight at piece counting (Normal):	500 mg
Reference weight:	yes

Functions

Conversion function:	yes
Counting function:	yes
Function to save totals:	yes
PRE-TARE function:	yes
Weighing with tolerance range:	yes

KERN CFS3K-5



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KERN CFS50K-3

Professional, high-resolution counting balance with 100 item memories and second balance interface, counting resolution up to 75,000 points



Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	0 °C
Minimum humidity:	0 %

Power supply

Charging time:	14 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter/adaptor included:	EURO CH UK US
Operating time (Backlight off):	70 h
Operating time (Backlight on):	40 h
Rechargeable battery:	Rchrg. battery optional

Services (optional)

Adjustment at the location of installation: 961-248

DAkkS Certificate: 963-128

Category

Brand:	KERN
Category:	Balances
Product Group:	Counting scale

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	470 x 440 x 205 mm
Gross weight:	5,900 kg
Net weight:	4,400 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions device (WxDxH):	320 x 350 x 125 mm
Dimensions housing (WxDxH):	370 x 360 x 100 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	370 x 360 x 125 mm
Revolving screw feet:	yes
Weighing surface (WxD):	370 x 240 mm

Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 g
Linearity:	2 g
Readability [d]:	1 g
Recommended adjusting weight:	50 kg (F2)
Repeatability:	1 g
Resolution:	50000
Stabilisation time under laboratory conditions:	2 s
Tare range:	50 kg
Warm up time:	2 h
Weighing capacity [Max]:	50 kg
Weighing system:	Strain gauge
Weighing units:	kg lb

Display

Display digit height (large):	2 cm
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Counting

Counting resolution:	50000
Minimum piece weight at piece counting (Laboratory):	1 g
Minimum piece weight at piece counting (Normal):	10 g
Reference weight:	yes

Functions

Conversion function:	yes
Counting function:	yes
Function to save totals:	yes
PRE-TARE function:	yes
Weighing with tolerance range:	yes

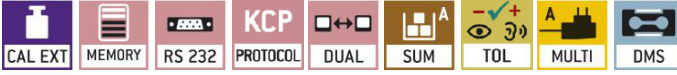
KERN CFS50K-3



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KERN CFS6K0.1



Professional, high-resolution counting balance with 100 item memories and second balance interface, counting resolution up to 75,000 points



Functions

Conversion function:	yes
Counting function:	yes
Function to save totals:	yes
PRE-TARE function:	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	0 °C
Minimum humidity:	0 %

Power supply

Charging time:	14 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter/adaptor included:	EURO CH UK US
Operating time (Backlight off):	70 h
Operating time (Backlight on):	40 h
Rechargeable battery:	Rchrg. battery optional

Services (optional)

Adjustment at the location of installation:	961-248
DAkkS Certificate:	963-128

Category

Brand:	KERN
Category:	Balances
Product Group:	Counting scale

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	455 x 380 x 215 mm
Gross weight:	4,400 kg
Net weight:	3,200 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions device (WxDxH):	320 x 350 x 125 mm
Dimensions housing (WxDxH):	315 x 350 x 100 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	315 x 350 x 125 mm
Revolving screw feet:	yes
Weighing surface (WxD):	295 x 225 mm

Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	500 mg
Linearity:	200 mg
Readability [d]:	100 mg
Recommended adjusting weight:	1 kg (F2); 5 kg (F2)
Repeatability:	100 mg
Resolution:	60000
Stabilisation time under laboratory conditions:	2 s
Tare range:	6 kg
Warm up time:	2 h
Weighing capacity [Max]:	6 kg
Weighing system:	Strain gauge
Weighing units:	kg lb

Display

Display digit height (large):	2 cm
Display digit height (small):	4 mm

Counting

Counting resolution:	60000
Minimum piece weight at piece counting (Laboratory):	100 mg
Minimum piece weight at piece counting (Normal):	1 g
Reference weight:	yes

KERN CFS6K0.1



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