

# KERN FC10

Compact force-measuring device

**KERN**<sup>®</sup>



## Measuring system

Measuring capacity [Max]:	10 N
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,300 %
Preset unit:	N
Readability [d]:	0,010 N
Test frequency:	1000 Hz

## Display

Display digit height (large):	1 cm
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## Functions

Data hold function:	yes
Display revolving:	yes
Function to set limits:	yes
Peak function:	yes
Visual ready signal:	yes

## Environmental conditions

Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C

## Power supply

Charging time:	4 h
Input voltage:	100 V - 240 V
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH
Operating time (Backlight off):	20 h
Operating time (Backlight on):	20 h

## Services (optional)

DAkkS Calibration certificate (Pressure):	963-261
DAkkS Calibration certificate (Tensile):	963-161
DAkkS Calibration certificate (Tensile/Pressure):	963-361
Factory calibration certificate:	961-361
Factory calibration certificate (Pressure):	961-261
Factory calibration certificate (Tensile):	961-161
Factory calibration certificate (Tensile/Pressure):	961-361

## Category

Brand:	Sauter
Category:	Force gauges
Product Group:	Electronic force-measuring device

## Packaging & shipping

Delivery:	24 h
Gross weight:	1,200 kg
Net weight:	500 g
Shipping method:	Parcel service
UN number:	3496

## Construction

Casing material:	metal
Dimensions housing (WxDxH):	145 x 73 x 34 mm
Dimensions of display device (WxDxH):	140 x 70 x 32 mm
Overall dimensions mounted (WxDxH):	145 x 73 x 34 mm

# KERN FC10

Compact force-measuring device



## Piktogramme

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### OPTION



# KERN FC100

Compact force-measuring device

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## Measuring system

Measuring capacity [Max]:	100 N
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,300 %
Preset unit:	N
Readability [d]:	0,100 N
Test frequency:	1000 Hz

## Display

Display digit height (large):	1 cm
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## Functions

Data hold function:	yes
Display revolving:	yes
Function to set limits:	yes
Peak function:	yes
Visual ready signal:	yes

## Environmental conditions

Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C

## Power supply

Charging time:	4 h
Input voltage:	100 V - 240 V
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH
Operating time (Backlight off):	20 h
Operating time (Backlight on):	20 h

## Services (optional)

DAkkS Calibration certificate (Pressure):	963-261
DAkkS Calibration certificate (Tensile):	963-161
DAkkS Calibration certificate (Tensile/Pressure):	963-361
Factory calibration certificate:	961-361
Factory calibration certificate (Pressure):	961-261
Factory calibration certificate (Tensile):	961-161
Factory calibration certificate (Tensile/Pressure):	961-361

## Category

Brand:	Sauter
Category:	Force gauges
Product Group:	Electronic force-measuring device

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	340 x 155 x 110 mm
Gross weight:	1,200 kg
Net weight:	940 g
Shipping method:	Parcel service
UN number:	3496

## Construction

Casing material:	metal
Dimensions housing (WxDxH):	145 x 73 x 34 mm
Dimensions of display device (WxDxH):	145 x 73 x 34 mm
Overall dimensions mounted (WxDxH):	145 x 73 x 34 mm

# KERN FC100

Compact force-measuring device



## Piktogramme

### STANDARD



### OPTION



# KERN FC1K

Compact force-measuring device

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## Power supply

Charging time:	4 h
Input voltage:	100 V - 240 V
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH
Operating time (Backlight off):	20 h
Operating time (Backlight on):	20 h

## Services (optional)

DAkkS Calibration certificate (Pressure):	963-262
DAkkS Calibration certificate (Tensile):	963-162
DAkkS Calibration certificate (Tensile/Pressure):	963-362
Factory calibration certificate:	961-162
Factory calibration certificate (Pressure):	961-262
Factory calibration certificate (Tensile):	961-162
Factory calibration certificate (Tensile/Pressure):	961-362

## Category

Brand:	Sauter
Category:	Force gauges
Product Group:	Electronic force-measuring device

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	337 x 160 x 110 mm
Gross weight:	1,215 kg
Net weight:	940 g
Shipping method:	Parcel service
UN number:	3496

## Construction

Casing material:	metal
Dimensions housing (WxDxH):	145 x 73 x 34 mm
Dimensions of display device (WxDxH):	145 x 73 x 34 mm
Overall dimensions mounted (WxDxH):	145 x 73 x 34 mm

## Measuring system

Measuring capacity [Max]:	1 kN
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,300 %
Preset unit:	N
Readability [d]:	1 N
Test frequency:	1000 Hz

## Display

Display digit height (large):	1 cm
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## Functions

Data hold function:	yes
Display revolving:	yes
Function to set limits:	yes
Peak function:	yes
Visual ready signal:	yes

## Environmental conditions

Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C

# KERN FC1K

Compact force-measuring device



## Piktogramme

### STANDARD



### OPTION



# KERN FC50

Compact force-measuring device

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## Measuring system

Measuring capacity [Max]:	50 N
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,300 %
Preset unit:	N
Readability [d]:	0,010 N
Test frequency:	1000 Hz

## Display

Display digit height (large):	1 cm
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## Functions

Data hold function:	yes
Display revolving:	yes
Function to set limits:	yes
Peak function:	yes
Visual ready signal:	yes

## Environmental conditions

Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C

## Power supply

Charging time:	4 h
Input voltage:	100 V - 240 V
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH
Operating time (Backlight off):	20 h
Operating time (Backlight on):	20 h

## Services (optional)

DAkkS Calibration certificate (Pressure):	963-261
DAkkS Calibration certificate (Tensile):	963-161
DAkkS Calibration certificate (Tensile/Pressure):	963-361
Factory calibration certificate:	961-361
Factory calibration certificate (Pressure):	961-261
Factory calibration certificate (Tensile):	961-161
Factory calibration certificate (Tensile/Pressure):	961-361

## Category

Brand:	Sauter
Category:	Force gauges
Product Group:	Electronic force-measuring device

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	340 x 160 x 110 mm
Gross weight:	1,200 kg
Net weight:	940 g
Shipping method:	Parcel service
UN number:	3496

## Construction

Casing material:	metal
Dimensions housing (WxDxH):	140 x 70 x 34 mm
Dimensions of display device (WxDxH):	140 x 70 x 34 mm
Overall dimensions mounted (WxDxH):	140 x 70 x 34 mm

# KERN FC50

Compact force-measuring device



## Piktogramme

### STANDARD



### OPTION





# KERN FC500

Compact force-measuring device

**KERN**<sup>®</sup>



## Power supply

Charging time:	4 h
Input voltage:	100 V - 240 V
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	EURO CH
Operating time (Backlight off):	20 h
Operating time (Backlight on):	20 h

## Services (optional)

DAkkS Calibration certificate (Pressure):	963-261
DAkkS Calibration certificate (Tensile):	963-161
DAkkS Calibration certificate (Tensile/Pressure):	963-361
Factory calibration certificate:	961-361
Factory calibration certificate (Pressure):	961-261
Factory calibration certificate (Tensile):	961-161
Factory calibration certificate (Tensile/Pressure):	961-361

## Category

Brand:	Sauter
Category:	Force gauges
Product Group:	Electronic force-measuring device

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	335 x 160 x 112 mm
Gross weight:	1,170 kg
Net weight:	410 g
Shipping method:	Parcel service
UN number:	3496

## Construction

Casing material:	metal
Dimensions housing (WxDxH):	135 x 73 x 34 mm
Dimensions of display device (WxDxH):	135 x 73 x 34 mm
Overall dimensions mounted (WxDxH):	135 x 73 x 34 mm

## Measuring system

Measuring capacity [Max]:	500 N
Overload protection (of [Max]):	150 %
Precision (of [Max]):	0,300 %
Preset unit:	N
Readability [d]:	0,100 N
Test frequency:	1000 Hz

## Display

Display digit height (large):	1 cm
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## Functions

Data hold function:	yes
Display revolving:	yes
Function to set limits:	yes
Peak function:	yes
Visual ready signal:	yes

## Environmental conditions

Maximum operating temperature:	40 °C
Minimum ambient temperature:	-10 °C

# KERN FC500

Compact force-measuring device



## Piktogramme

### STANDARD



### OPTION

