

KERN FC100

Compact force-measuring device

KERN[®]



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

Service

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

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Piktogramme

STANDARD



OPTION

