

# KERN FL 100

Premium force measuring instrument with graphic-assisted display



## Category

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

## Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	345 x 295 x 89 mm
Gross weight:	1,386 kg
Net weight:	515 g
Shipping method:	Parcel service

## Construction

Casing material:	Metal lacquered
Overall dimensions mounted (WxDxH):	175 x 75 x 30 mm

## Measuring system

Measuring range [Max]:	100 N
Overload protection (of [Max]):	120 %
Precision (of [Max]):	0,002
Readout [d]:	0,050 N
Test frequency:	1000 Hz

## Display

Display digit height:	8,500 mm
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## Functions

Data hold function:	yes
Function to set limits:	yes
Peak function:	yes

## Environmental conditions

Maximum operating temperature:	35 °C
Minimum ambient temperature:	15 °C

## Power supply

Charging time:	8 h
Input voltage:	100 V - 240 V
Operating time (Backlight off):	10 h

## Service

ISO calibration certificate:	961-361
ISO Calibration certificate (Pressure):	961-261
ISO Calibration certificate (Tensile):	961-161