

KERN SD 100N100

KERN

Manual test stand for tensile and compressive testing of springs, medium version up to 100 N



Category

Brand	Sauter
Product category	Test bench
Product group	Manual test stand
Product family	SD-M

Measuring System

Measuring range force [Max] (N)	100 N
Readability force [d] (N)	0,02 N
Measurable length [Max]	10 cm
Default unit	N
Units	kg N lbf

Internal data memory: Number of individual values 10

Internal data memory: Number of value groups 1

Tolerance (% of [Max]) 0,5%

Display

Display type	LCD
Display digit height	10 mm

Construction

Dimension (W×D×H)	235×300×620 mm
Dimension housing (W×D×H)	235×300×620 mm
Dimensions completely mounted (W×D×H)	235×300×620 mm
Material housing	metal, lacquered
Type of drive	manual crank handle
Measuring room height [Max]	100 mm

Traverse distance with lever movement / release [Max]	100 mm
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Functions

Limit-setting function	✓
Length measuring - zero setting	✓
Hold function	✓
Peak function	✓
Statistic function	✓

Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Built-in power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	UK CH
Input voltage power supply / power [Max]	220 V AC, 50 Hz
Input voltage device / power [Max]	230 V AC, 50 Hz

Environmental conditions

Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C
Storage temperature [Min]	-10 °C
Storage temperature [Max]	40 °C

Approval

CE mark	✓
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Services (optional)

Article number for factory calibration	961-2610
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Packing & Shipping

Delivery time	2 d
Dimensions packaging (W×D×H)	380×345×610 mm
Shipping method	Freight
Net weight approx.	22 kg
Gross weight approx.	30 kg
Shipping weight	29 kg

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Pictograms

STANDARD



OPTION

