

KERN TVS 50KN80-LD

KERN

Practical set for force-displacement-measurements in laboratory and industry



Guide column(s) length	113,5 cm
Guide column(s) distance	295 mm
Traverse distance [Max]	210 mm
Transversal movement speed [Min]	1 mm/min
Transversal movement speed [Max]	70 mm/min
Transversal movement speed variation	1%

Functions

Speed display	✓
Repeat function	✓
Length measuring - zero setting	✓
Pre-added and pre-reduced length manually adjustable	✓
Limit switch	✓

Power Supply

Plug-in power supply type	Built-in power supply
Plug-in power supply / adapter for countries - optional	UK CH
Input voltage power supply / power [Max]	230 V AC, 50 Hz
Input voltage device / power [Max]	~220 V - 240 V AC; 50 Hz

Environmental conditions

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

Packing & Shipping

Delivery time	2 d
Dimensions packaging (W×D×H)	600×410×1790 mm
Net weight	150 kg
Shipping method	Freight
Net weight approx.	150 kg
Gross weight approx.	175 kg
Shipping weight	171 kg

Pictograms

STANDARD



Category

Brand	Sauter
Product category	Test bench
Product group	Test stand set
Product family	TVS-LD

Measuring System

Length measuring device	Length measuring device with data interface
Measurable length [Max]	21 cm
Tolerance (measured length)	0,5%

Approval

CE mark	✓
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Display

Display type	LED segments
Display type	7 segment LED
Display digit height - smallest digit	9 mm

Construction

Dimension (W×D×H)	255×480×1670 mm
Dimensions completely mounted (W×D×H)	480×255×1670 mm
Material display housing	metal, lacquered
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Generated force [Max]	50 kN
Mounting - force application	Threaded hole - 1 × M18, 4 × M10
Mounting - force dissipation	Threaded hole - 1 × M18, 4 × M10
Type of drive	Stepper motor