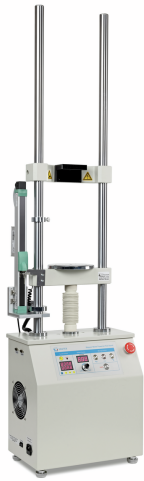


KERN TVS 10KN100-LD

KERN

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



Guide column(s) length	113,5 cm
Guide column(s) distance	215 mm
Traverse distance [Max]	210 mm
Transversal movement speed [Min]	1 mm/min
Transversal movement speed [Max]	200 mm/min
Transversal movement speed variation	1%

Functions

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

Power Supply

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

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	2 d
Dimensions packaging (W×D×H)	520×345×1610 mm
Net weight	64 kg
Shipping method	Freight
Net weight approx.	65 kg
Gross weight approx.	105 kg
Shipping weight	102 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)	250×400×1550 mm
Dimensions completely mounted (W×D×H)	400×250×1550 mm
Material display housing	metal, lacquered
Material housing	metal, lacquered
Generated force [Max]	10 kN
Mounting - force application	Threaded hole - 1 × M12, 4 × M6
Mounting - force dissipation	Threaded hole M12 4 × threaded hole M6
Type of drive	Stepper motor