

KERN TVM 20KN120N-LB

KERN

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



Measurement alignment	vertical
Type of drive	Electric motor
Guide column(s) length	113,5 cm
Guide column(s) distance	215 mm
Traverse distance [Max]	210 mm
Transversal movement speed [Min]	30 mm/min
Transversal movement speed [Max]	120 mm/min
Transversal movement speed variation	3%

Functions	
Speed display	✓
Repeat function	✓
Limit switch	✓

Power Supply	
Input voltage power supply / power [Max]	220 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	EURO UK CH

Environmental conditions	
Ambient temperature [Min]	10 °C
Ambient temperature [Max]	40 °C
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	74 kg
Shipping method	Freight
Net weight approx.	75 kg
Gross weight approx.	90 kg
Shipping weight	88 kg

Pictograms

STANDARD



Category

Brand	Sauter
Product category	Test bench
Product group	Test stand set
Product family	TVM-LB

Measuring System

Length measuring device	Length measuring device with display and data interface
Measurable length [Max]	21 cm

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)	400×256×1535 mm
Dimension housing (W×D×H)	400×256×1535 mm
Dimensions completely mounted (W×D×H)	400×256×1535 mm
Material display housing	metal, lacquered
Material housing	metal, lacquered
Generated force [Max]	20 kN
Mounting - force application	Threaded hole - 1 × M12, 4 × M10
Mounting - force dissipation	Threaded hole M12 4 × threaded hole M10