

KERN TVM 20KN120N-LB

KERN

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



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

Functions

Speed display	✓
Repeat function	✓
Limit switch	✓

Power Supply

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

Environmental conditions

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

Approval

CE mark	✓
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Packing & Shipping

Delivery time	2 d
Dimensions packaging (W×D×H)	520×345×1610 mm
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

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

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 housing	metal, lacquered
Material display housing	metal, lacquered
Type of drive	Electric motor
Mounting - force dissipation	Threaded hole M12 4 × threaded hole M10
Mounting - force application	Threaded hole - 1 × M12, 4 × M10
Generated force [Max]	20 kN
Transversal movement speed [Min]	30 mm/min