

KERN TVS 50KN80

KERN

Premium test stand with step motor for precise testing up to 50 kN



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	✓

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 - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	EURO 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)	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

Category

Brand	Sauter
Product category	Test bench
Product group	Motorised test stand
Product family	TVS

Measuring System

Length measuring device	Length measuring device with display
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Approval

CE mark	✓
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Display

Display type	LED segments
Display type	7 segment LED
Display digit height - smallest digit	9 mm
Display digit height	14 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
Guide column(s) length	113,5 cm

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Pictograms

STANDARD



OPTION

