SAUTER **TVS 20KN100**

Premium test stand with step motor for precise testing up to 20 kN

Date of creation: 02.10.2026

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

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)	250×400×1550 mm
Dimensions completely mounted (W×D×H)	400×250×1550 mm
Material housing	metal, lacquered
Material display housing	metal, lacquered
Type of drive	Stepper 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]	1 mm/min
Transversal movement speed [Max]	100 mm/min
Transversal movement speed variation	1%
Guide column(s) distance	215 mm
Guide column(s) length	113,5 cm
Traverse distance [Max]	210 mm

Functions

Speed display	✓
Repeat function	✓

Power Supply

Supplied power supply	Power supply unit
Power supply type	Built-in power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	EURO UK CH
Input voltage power supply / power [Max]	230 V AC, 50 Hz
Power supply cable removable	fixed connection
Input voltage device / power [Max]	~220 V - 240 V AC; 50 Hz
Power socket for mains adapter	Power supply cable

Environmental conditions

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

Packing & Shipping

Delivery time	2 d
Dimensions packaging (W×D×H)	600×410×1780 mm
Shipping method	Freight
Net weight approx.	150 kg
Gross weight approx.	170 kg
Shipping weight	167 kg
Shipping volume weight	87,6 kg

Product information

GTIN/EAN number	4045761182325
Trade number	90249000
Warranty Time	36 mon
REACH classification	no prohibited substances

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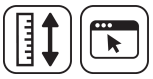
Pictograms

STANDARD

OPTION