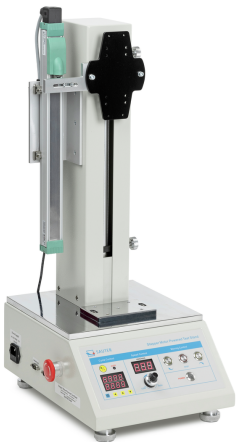


SAUTER TVO 500N500S-LD

KERN

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



Measurement alignment	vertical
Traverse distance [Max]	270 mm

Functions

Speed display	✓
Repeat function	✓
Length measuring - zero setting	✓
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]	230 V AC, 50 Hz
Input voltage device / power [Max]	230 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)	500×400×710 mm
Shipping method	Freight
Net weight approx.	30 kg
Gross weight approx.	40 kg
Shipping weight	40 kg

Pictograms

STANDARD



Category

Brand	Sauter
Product category	Test bench
Product group	Test stand set
Product family	TVO-LD

Measuring System

Measurable length [Max]	30 cm
Length measuring device	Length measuring device with data interface

Display

Display type	LED segments
Display type	7 segment LED
Display digit height - smallest digit	9 mm

Construction

Dimension (W×D×H)	570×428×236 mm
Dimension housing (W×D×H)	570×428×236 mm
Dimensions completely mounted (W×D×H)	570×428×236 mm
Material housing	metal, lacquered
Material display housing	Metal
Type of drive	Stepper motor
Mounting - force dissipation	5 × threaded hole M6
Mounting - force application	5 × threaded hole M6
Generated force [Max]	500 N
Transversal movement speed [Min]	1 mm/min
Transversal movement speed [Max]	500 mm/min
Transversal movement speed variation	0,5%