

KERN TVO 500N500S-LD



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



Transversal movement speed [Min]	1 mm/min
Transversal movement speed [Max]	500 mm/min
Transversal movement speed variation	0,5%

Functions

Speed display	✓
Repeat function	✓
Length measuring - zero setting	✓
Limit switch	✓

Power Supply

Input voltage power supply / power [Max]	230 V AC, 50 Hz
Input voltage device / power [Max]	230 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)	500×400×710 mm
Net weight	30 kg
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

Length measuring device	Length measuring device with data interface
Measurable length [Max]	30 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)	570×428×236 mm
Dimension housing (W×D×H)	570×428×236 mm
Dimensions completely mounted (W×D×H)	570×428×236 mm
Material display housing	Metal
Material housing	metal, lacquered
Generated force [Max]	500 N
Mounting - force application	5 × threaded hole M6
Mounting - force dissipation	5 × threaded hole M6
Measurement alignment	vertical
Type of drive	Stepper motor
Traverse distance [Max]	270 mm