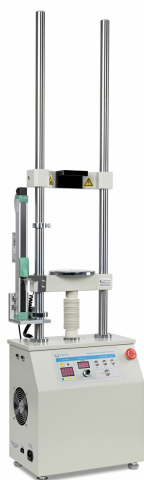


# KERN TVS 5000N240-LD

**KERN**

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



## Category

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

## Measuring System

Length measuring device	Length measuring device with data interface
Measurable length [Max]	21 cm
Tolerance (measured length)	0,5%

## Zulassung

CE mark	✓
---------	---

## Display

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

## Construction

Dimension (W×D×H)	250×400×1550 mm
Dimensions completely mounted (W×D×H)	400×250×1550 mm
Material display housing	metal, lacquered
Material housing	metal, lacquered
Generated force [Max]	5 kN
Mounting - force application	Threaded hole – 1 × M12, 4 × M6
Mounting - force dissipation	Threaded hole M12 4 × threaded hole M6
Type of drive	Stepper motor

Guide column(s) length	113,5 cm
Guide column(s) distance	215 mm
Traverse distance [Max]	210 mm
Transversal movement speed [Min]	1 mm/min
Transversal movement speed [Max]	240 mm/min
Transversal movement speed variation	1%

## Functions

Speed display	✓
Repeat function	✓
Pre-added and pre-reduced length manually adjustable	✓
Length measuring - zero setting	✓
Limit switch	✓

## Power Supply

Input voltage power supply / power [Max]	230 V AC, 50 Hz
Input voltage device / power [Max]	220 V/50Hz 1,5A
Plug-in power supply type	Built-in power supply
Plug-in power supply / adapter for countries - optional	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)	520×335×1635 mm
Net weight	64 kg
Shipping method	Freight
Net weight approx.	65 kg
Gross weight approx.	95 kg
Shipping weight	94 kg

## Pictograms

### STANDARD

