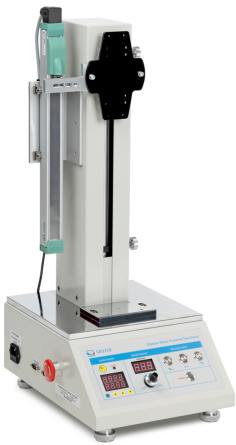


# SAUTER TVO 500N500S-LD

# 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   | 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%                 |

|                         |          |
|-------------------------|----------|
| 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     |
| Power supply type                                       | Built-in power supply |
| Plug-in power supply / adapter for countries - optional | EURO<br>UK<br>CH      |
| Input voltage power supply / power [Max]                | 230 V AC, 50 Hz       |
| Power supply cable removable                            | removable             |
| Input voltage device / power [Max]                      | 230 V AC, 50 Hz       |
| Power socket for mains adapter                          | Power supply cable    |

## 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 | ✓ |
|---------|---|

## 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          |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761363052            |
| Trade number         | 90249000                 |
| REACH classification | no prohibited substances |

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## Pictograms

### STANDARD

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