

# KERN TD 225-0.1US

# KERN

Compact pocket-sized material thickness gauge



|                                       |              |
|---------------------------------------|--------------|
| Dimension housing (W×D×H)             | 30×65×120 mm |
| Dimensions completely mounted (W×D×H) | 30×65×120 mm |
| Material housing                      | plastic      |
| Cable length                          | 0,9 m        |

## Power Supply

|                            |                    |
|----------------------------|--------------------|
| Supplied power supply      | Battery            |
| Battery                    | 4×1.5 V AAA        |
| Battery / accumulator type | Alkali(-Manganese) |
| Battery capacity           | 1.100 mAh          |
| Battery voltage            | 1,5 V              |

## Environmental conditions

|                           |       |
|---------------------------|-------|
| Ambient temperature [Min] | 0 °C  |
| Ambient temperature [Max] | 50 °C |
| Storage temperature [Min] | 0 °C  |
| Storage temperature [Max] | 50 °C |

## Packing & Shipping

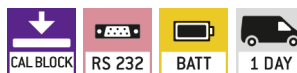
|                              |                |
|------------------------------|----------------|
| Readability force [d] (N)    | 1 d            |
| Dimensions packaging (W×D×H) | 260×215×75 mm  |
| Net weight                   | 0,164 kg       |
| Shipping method              | Parcel service |
| Net weight approx.           | 0,20 kg        |
| Gross weight approx.         | 0,75 kg        |
| Shipping weight              | 0,8 kg         |

## Services (optional)

|  |         |
|--|---------|
| Article number for factory calibration | 961-113 |
|--|---------|

## Pictograms

### STANDARD



### OPTION



## Category

|                  |   |
|------------------|---|
| Brand            | Sauter  |
| Product category | Material thickness measuring device                   |
| Product group    | Ultrasonic Material thickness gauge pulse-echo method |
| Product family   | TD-US   |

## Measuring System

|  |            |
|--|------------|
| Units                                    | mm<br>inch |
| Tolerance (% of [Max])                   | 0,5%       |
| Readability material thickness [d] (mm)  | 0,1 mm     |
| Speed of sound [Min] (m/s)               | 1000 m/s   |
| Speed of sound [Max] (m/s)               | 9999 m/s   |
| Material thickness pulse-echo [Min] (mm) | 1,2 mm     |
| Material thickness pulse-echo [Max] (mm) | 225 mm     |
| Measuring head diameter                  | 8 mm       |
| Measuring head measuring frequency       | 5 MHz      |

## Approval

|         |   |
|---------|---|
| CE mark | ✓ |
|---------|---|

## Display

|              |     |
|--------------|-----|
| Display type | LCD |
|--------------|-----|

## Construction

|                   |              |
|-------------------|--------------|
| Dimension (W×D×H) | 30×65×120 mm |
|-------------------|--------------|