

KERN HN-D



“Pen type“ Leeb hardness tester for mobile hardness testing of metals



Category

| | |
|------------------|----------------------|
| Brand | Sauter |
| Product category | Hardness testing |
| Product group | Leeb hardness tester |
| Product family | HN-D |

Measuring System

| | |
|----------------------------------|------------------------------|
| Units | HL HV HB HRB HRC |
| Tolerance (% of [Max]) | 1% |
| Hardness scales | HLD |
| Readability [d] hardness (HLx) | 1 |
| Leeb Hardness Tester sensor type | D |
| Measuring range [Min] (HLx) | 170 |
| Measuring range [Max] (HLx) | 960 |
| Measuring probe diameter | 2 cm |
| Measuring probe length | 14,6 cm |
| Test object thickness [Min] | 3 mm |
| Test object minimum weight [Min] | 2 kg |

Approval

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

Display

| | |
|---------------------------------------|------|
| Display type | LCD |
| Display digit height - smallest digit | 5 mm |
| Display digit height | 5 mm |

Construction

| | |
|---------------------------|--------------|
| Dimension (W×D×H) | 22×35×147 mm |
| Dimension housing (W×D×H) | 22×35×147 mm |

| | |
|----------------------|-------------------------|
| Material housing | cast aluminium, plastic |
| Scale - Display type | Digital |

Functions

| | |
|---------------------------|------------|
| 360° measurement possible | ✓ |
| Statistic function | ✓ |
| Interfaces | USB-Device |

Power Supply

| | |
|---|---------------------|
| Input voltage power supply / power [Max] | 100 - 240 V |
| Input voltage device / power [Max] | 5 V 1000 mA |
| Plug-in power supply type | Power adapter |
| Supplied power supply | Accu & Power supply |
| Plug-in power supply / adapter for countries - included with the delivery | EURO |

| | |
|---|-------------------------|
| Plug-in power supply / adapter for countries - optional | EURO AUS UK US |
|---|-------------------------|

| | |
|------------------------------------|-----|
| Rechargeable battery charging time | 3 h |
|------------------------------------|-----|

| | |
|---|------|
| Rechargeable battery operating time - backlight off | 16 h |
|---|------|

| | |
|----------------------------|--------|
| Battery / accumulator type | Li-Ion |
|----------------------------|--------|

| | |
|--------------------|----------|
| Battery connection | soldered |
|--------------------|----------|

| | |
|------------------|---------|
| Battery capacity | 110 mAh |
|------------------|---------|

| | |
|-----------------|-------|
| Battery voltage | 3,7 V |
|-----------------|-------|

Environmental conditions

| | |
|---------------------------|--------|
| Storage temperature [Min] | -10 °C |
|---------------------------|--------|

| | |
|---------------------------|-------|
| Storage temperature [Max] | 40 °C |
|---------------------------|-------|

Packing & Shipping

| | |
|---------------------------|-----|
| Readability force [d] (N) | 1 d |
|---------------------------|-----|

| | |
|------------------------------|----------------|
| Dimensions packaging (W×D×H) | 300×257×120 mm |
|------------------------------|----------------|

| | |
|------------|---------|
| Net weight | 0,16 kg |
|------------|---------|

| | |
|-----------------|----------------|
| Shipping method | Parcel service |
|-----------------|----------------|

| | |
|--------------------|---------|
| Net weight approx. | 0,20 kg |
|--------------------|---------|

| | |
|----------------------|--------|
| Gross weight approx. | 1,2 kg |
|----------------------|--------|

| | |
|-----------------|--------|
| Shipping weight | 1,9 kg |
|-----------------|--------|

Services (optional)

| | |
|--|---------|
| Article number for factory calibration | 961-131 |
|--|---------|

KERN HN-D



“Pen type“ Leeb hardness tester for mobile hardness testing of metals

Pictograms

STANDARD



OPTION

