

# KERN 440-47N

The classic balance in the laboratory

# KERN®



## Measuring system

|                               |  |
|-------------------------------|--|
| Adjustment options:           | External calibration                   |
| Linearity:                    | 200 mg                                 |
| Readout [d]:                  | 100 mg                                 |
| Recommended adjusting weight: | 2000 g (M1)                            |
| Reproducibility:              | 100 mg                                 |
| Resolution:                   | 20000                                  |
| Stabilisation time:           | 3 s                                    |
| Warm up time:                 | 30 min                                 |
| Weighing range [Max]:         | 2 kg                                   |
| Weighing system:              | Strain gauge                           |
| Weighing units:               | dwt g kg lb mo oz t (HK)<br>t (Tw) tol |

## Display

|                       |          |
|-----------------------|----------|
| Display digit height: | 1,500 cm |
|-----------------------|----------|

## Technical data about verification

|      |       |
|------|-------|
| n/a: | 200 g |
|------|-------|

## Counting

|   |        |
|---|--------|
| Counting resolution:                    | 10000  |
| Minimum piece weight at piece counting: | 200 mg |

## Functions

|  |     |
|--|-----|
| Counting function:                                 | yes |
| Percentage determination:                          | yes |
| Vibration-free weighing (Animal weighing program): | yes |

## Environmental conditions

|                                |       |
|--------------------------------|-------|
| Maximum humidity:              | 80 %  |
| Maximum operating temperature: | 35 °C |
| Minimum ambient temperature:   | 5 °C  |

## Power supply

|                                 |                         |
|---------------------------------|-------------------------|
| Charging time:                  | 10 h                    |
| Input voltage:                  | 220 V - 240 V AC 50 Hz  |
| Operating time:                 | 12 h                    |
| Operating time (Backlight off): | 20 h                    |
| Rechargeable battery:           | Rchrg. battery optional |

## Service

|                    |         |
|--------------------|---------|
| DAkkS Certificate: | 963-127 |
|--------------------|---------|

## Category

|                |                   |
|----------------|-------------------|
| Category:      | Balances          |
| Product Group: | Precision balance |

## Packaging & shipping

|                               |                    |
|-------------------------------|--------------------|
| Delivery:                     | 24 h               |
| Dimensions packaging (WxDxH): | 348 x 212 x 178 mm |
| Gross weight:                 | 1,564 kg           |
| Net weight:                   | 1,100 kg           |
| Shipping method:              | Parcel service     |

## Construction

|                             |                   |
|-----------------------------|-------------------|
| Casing material:            | Plastic           |
| Dimensions housing (WÄDÄH): | 165 x 230 x 74 mm |
| Material weighing plate:    | stainless steel   |
| Weighing surface (WxD):     | 130 x 130 mm      |