

# KERN 440-53N

The classic balance in the laboratory

# KERN®



## Measuring system

|   |   |
|---|---|
| Adjustment options:                             | External calibration                      |
| Linearity:                                      | 2 g                                       |
| Readability [d]:                                | 1 g                                       |
| Recommended adjusting weight:                   | 5 kg (M2)                                 |
| Repeatability:                                  | 1 g                                       |
| Resolution:                                     | 6000                                      |
| Stabilisation time under laboratory conditions: | 2 s                                       |
| Warm up time:                                   | 30 min                                    |
| Weighing capacity [Max]:                        | 6 kg                                      |
| Weighing system:                                | Strain gauge                              |
| Weighing units:                                 | kg ozt tl (HK) tol g mo lb dwt oz tl (Tw) |

## Display

|                               |          |
|-------------------------------|----------|
| Display digit height (large): | 1,500 cm |
|-------------------------------|----------|

## Counting

|  |      |
|--|------|
| Counting resolution:                                 | 3000 |
| Minimum piece weight at piece counting (Laboratory): | 2 g  |
| Minimum piece weight at piece counting (Normal):     | 20 g |

## 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

|                                 |                          |
|---------------------------------|--------------------------|
| Battery:                        | 9 V Block                |
| Charging time:                  | 10 h                     |
| Input voltage:                  | 100-240V AC 50/60Hz 0.5A |
| Mains adapter/adaptor included: | EURO CH US UK            |
| Operating time:                 | 20 h                     |
| Operating time (Backlight off): | 20 h                     |
| Rechargeable battery:           | Rchrg. battery optional  |

## Service

Adjustment at the location of installation: 961-248

DAkkS Certificate: 963-128

## Category

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

## Packaging & shipping

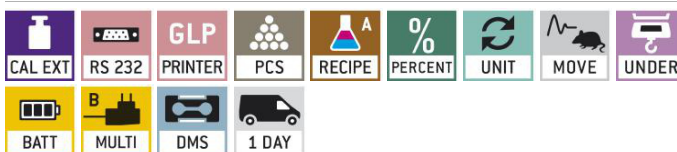
|                               |                    |
|-------------------------------|--------------------|
| Delivery:                     | 24 h               |
| Dimensions packaging (WxDxH): | 350 x 210 x 170 mm |
| Gross weight:                 | 1,601 kg           |
| Net weight:                   | 1,182 kg           |
| Shipping method:              | Parcel service     |

## Construction

|                             |                   |
|-----------------------------|-------------------|
| Casing material:            | Plastic           |
| Dimensions housing (WxDxH): | 165 x 230 x 80 mm |
| Material weighing plate:    | stainless steel   |
| Weighing surface (WxD):     | 150 x 170 mm      |

## Piktogramme

### STANDARD



### OPTION

