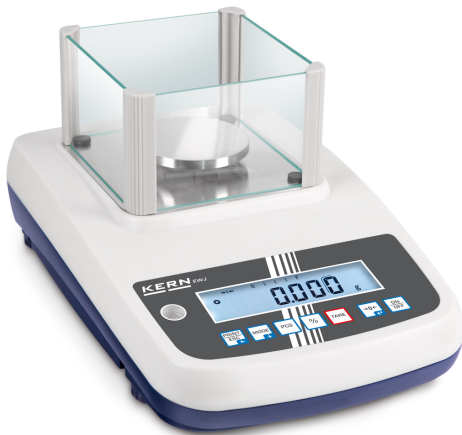


# KERN EWJ 300-3

High-quality precision balance with automatic internal adjustment

# KERN



| Category         |                     |
|------------------|---------------------|
| Brand            | KERN                |
| Product category | Laboratory balances |
| Product group    | Precision balances  |

| Measuring System                               |   |
|--|---|
| Readability [d]                                | 0,001 g   |
| Weighing capacity [Max]                        | 300 g   |
| Eccentric loading at 1/3 [Max]                 | 0,005 g   |
| USP Minimum weight of sample (k = 2, U = 0.1%) | 4 g   |
| Reproducibility                                | 0,002 g   |
| Linearity                                      | ± 0,005 g   |
| Weighing system                                | Strain gauge  |
| Resolution                                     | 300.000   |
| Tare range                                     | 300 g   |
| Units  | g dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz |
| Default unit                                   | g   |
| Stabilization time                             | 3 s   |
| Warm-up time                                   | 120 min   |
| Adjustment options                             | Internal calibration (automatic)                          |
| Recommended adjusting weight                   | 300 g (F1)  |
| Loadcell type                                  | aluminium IP65 silicone-coated                            |
| Automatic adjustment - Standard time interval  | 2 h   |

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

| Display              |           |
|----------------------|-----------|
| Display digit height | 16,5 mm   |
| Display backlight    | LED white |

| Construction  |                 |
|---|-----------------|
| Dimension housing (W×D×H)                             | 220×315×90 mm   |
| Dimensions completely mounted (W×D×H)                 | 220×340×180 mm  |
| Dimensions rectangular draught shield - inner (W×D×H) | 134×128×80 mm   |
| Dimensions rectangular draught shield - outer (W×D×H) | 144×139×81 mm   |
| Dimensions weighing surface (Ø)                       | 80 mm           |
| Material housing                                      | plastic         |
| Material weighing plate                               | stainless steel |
| Material draught shield                               | plastic, glass  |
| Material load cell(s)                                 | aluminium       |
| Levelling feet adjustable                             | ✓               |
| Transport safety lock - bolt torque                   | 0,1 Nm          |

| Functions                    |                            |
|------------------------------|----------------------------|
| Number of keys for operation | 7                          |
| Capacity display             | ✓                          |
| Tare function                | manual (multi)             |
| Percentage determination     | ✓                          |
| Counting function            | ✓                          |
| Sum memory function          | ✓                          |
| Interfaces                   | RS-232 standard USB-Device |
| IP protection - display      | no IP protection           |
| IP protection - load cell    | IP65                       |

| Counting  |                      |
|---|----------------------|
| Smallest piece weight when piece counting - laboratory conditions | 2 mg                 |
| Smallest piece weight when piece counting - normal conditions     | 20 mg                |
| Reference quantity  | 10, 20, 50, 100, 200 |
| Counting resolution (laboratory conditions)                       | 150.000              |

| Power Supply                             |                           |
|--|---------------------------|
| Input voltage power supply / power [Max] | 100 V - 240 V, 50 / 60 Hz |
| Input voltage device / power [Max]       | 12 V DC, 2500 mA          |
| Plug-in power supply type                | Power adapter             |
| Supplied plug-in power supply            | Power supply unit         |

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|   |                                  |
|---|----------------------------------|
| Plug-in power supply / adapter for countries - included with the delivery | EURO UK US CH                    |
| Plug-in power supply / adapter for countries - optional                   | EURO AUS UK US CH                |
| Rechargeable battery optional   | Rchrg. battery optional - intern |
| Rechargeable battery  | PFB-A06                          |
| Rechargeable battery charging time  | 12 h                             |
| Rechargeable battery operating time - backlight on                        | 10 h                             |
| Rechargeable battery operating time - backlight off                       | 20 h                             |

## Environmental conditions

|                               |       |
|-------------------------------|-------|
| Humidity of environment [Max] | 80 %  |
| Ambient temperature [Min]     | 15 °C |
| Ambient temperature [Max]     | 35 °C |

## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Readability force [d] (N)    | 1 d            |
| Shipping method              | Parcel service |
| Dimensions packaging (W×D×H) | 390×280×175 mm |
| Net weight approx.           | 2,6 kg         |
| Gross weight approx.         | 3,8 kg         |

## Services (optional)

|   |         |
|---|---------|
| Article number for DAkkS calibration                        | 963-127 |
| Article number for certificate of conformity (verification) | 969-517 |

## Piktogramme

### STANDARD



### OPTION

