

HRP 4Y.KO MASS COMPARATOR



The newest line of **PARTNER Mass Comparators** enables adjusting mass standards and weights according to the **OIML recommendations (R- 111)** from 200 kg to 1000 kg for F2 class and lower.

The comparators are used both for ensuring traceability of mass measurements, and verification of weights in accordance with legal metrology. **PARTNER Mass Comparators** have gained recognition among Accredited Calibration Laboratories, in many countries.

HRP 4Y.KO series comparators comprise two components, professional weighing platform (a new mechanical design of electromagnetic mechanism housed within a tight steel casing) and PUE 7.1 terminal.

The weighing platform made of steel features centring rings enabling precise positioning of the weights. The comparator features intuitive and user friendly menu.

Features:

- ✓ Brand new construction of the electromagnetic mechanism housed in a stainless steel tight casing,
- ✓ High ingress protection for weighing unit – IP67,
- ✓ Interfaces: RS232, Ethernet and dedicated 3 in /2 out, enabling cooperation with peripheral devices.

Technical specification:

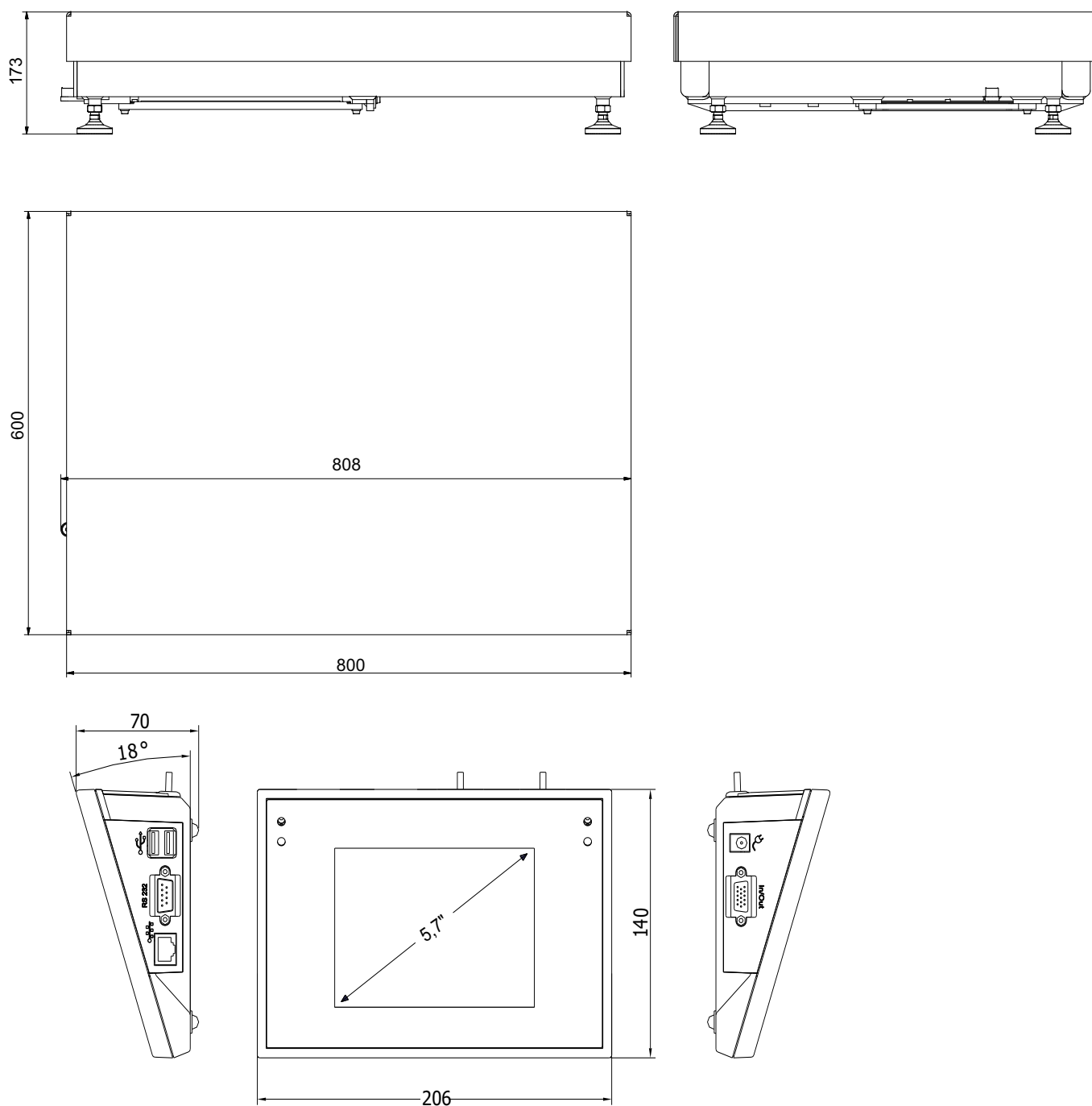
| | HRP 200.4Y.KO | HRP 500.4Y.KO | HRP 1000.4Y.KO |
|-----------------------------|-----------------------------------|-----------------------------------|----------------------------------|
| E1 | - | - | - |
| E2 | - | - | - |
| F1 | - | - | - |
| F2 | 200 kg | 500 kg | 1000 kg |
| M1 | 100 kg ÷ 200 kg | 200 kg ÷ 500 kg | 200 kg ÷ 1000 kg |
| M2 | 50 kg ÷ 200 kg | 50 kg ÷ 500 kg | 100 kg ÷ 1000 kg |
| Max capacity | 210 kg | 510 kg | 1050 kg |
| Reading interval | 0,5 g | 1 g | 2 g |
| Repeatability * | 0,6 g (for mass standards 200 kg) | 1,6 g (for mass standards 500 kg) | 5 g (for mass standards 1000 kg) |
| Electric compensation range | 0 ÷ 210 kg | 0 ÷ 510 kg | 0 ÷ 1050 kg |
| Supplementary weights | | brak | |
| Stabilization time | | 10 s | |
| Adjustment | | external | |
| Power supply | | 100 ÷ 240 V AC 50÷60 Hz | |
| Pan size | 800 × 600 mm | 800 × 600 mm | 1000 × 800 mm |
| Weighing unit dimensions | 808 × 600 × 173 mm | 808 × 600 × 173 mm | 1008 × 800 × 165 mm |
| Control unit dimensions | 206 × 140 × 70 mm | 206 × 140 × 70 mm | 206 × 140 × 70 mm |
| Net weight | 59 kg | 59 kg | 120 kg |
| Packaging dimensions | 988 × 800 × 301 mm | 988 × 800 × 301 mm | 1188 × 1000 × 301 mm |

Ambient conditions:

| | |
|-------------------------------------|--------------------------------------|
| Working temperature | +15° ÷ +30°C |
| Change rate of working temperature | ±0,5 °C/12h (±0,3 °C/h) |
| Atmospheric humidity | 40% ÷ 60% |
| Change rate of atmospheric humidity | 5% / 4h |
| Sensitivity drift | 2 ppm/°C in temperature +15° ÷ +35°C |

* Repeatability expressed as standard deviation from 6 measuring cycles ABBA (according to OIML R111) in stable laboratory operating conditions.

Dimensions:



Additional equipment:

| | |
|--------------------------|--|
| „Epson” Impact Printer | RS 232 cable (balance - computer) "P0259" |
| "MW Manager" PC Software | RS 232 cable (balance - Epson printer) "P0261" |
| Mass Standard | „TARE, PRINT” Foot Button |
| Adjustment Weight | |

PARTNER CORPORATION

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