
# TERMINALS AND PLATFORMS

## Advanced Weighing Technologies for Industry

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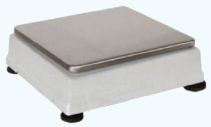
# WEIGHING TERMINALS

Advanced weighing terminals are constructional components of industrial multifunctional load cell scales, they connect with RADWAG high resolution platforms and weighing modules. It is possible to design multiplatform weighing systems based on selected terminals. These device also enable integration with automation systems of the production lines.

| Technical specifications | Terminal PUE H315 | Terminal PUE C315 | Terminal PUE C32 |
|---|---|---|---|
| OIML class | III | III or IV | III |
| Maximum quantity of verification units | 6000 e | 6000 e | 6000 e |
| Display | Backlit LCD | Backlit LCD | 5” graphic colour |
| Housing | AISI304 stainless steel | ABS plastic | ABS plastic |
| System | – | – | – |
| Processor | – | – | – |
| Memory | – | – | – |
| Maximum quantity of connected platforms | 1 | 1 | 1 |
| Ingress protection | IP 68 (1h max) / IP 69 | IP 43 | IP 43 |
| Communication interfaces | RS-232, USB-A, Optional one to choose from: RS-232, RS-485, 4×IN, 4×OUT, Ethernet | RS-232, Option: additional RS-232 | USB-A, USB-B, Ethernet, 2×RS-232, 4×IN, 4×OUT, Wi-Fi® |
| Optional add-on modules | – | – | – |

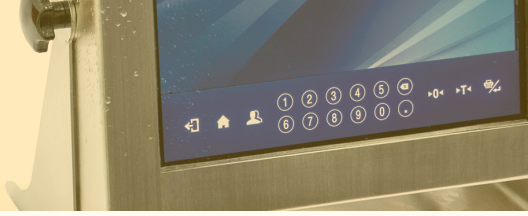
# WEIGHING PLATFORMS

Special constructional solutions, like vast maximum capacity range or hermetic housing for example, stand for a new quality of mass measurement in industry. By selecting a particular platform and an indicator or a terminal respectively to the needs, you can design a precise industry scale, or even a multi-platform weighing system. With use of respective constructional solutions, the vast range of



| Dane techniczne | High Resolution Platforms HRP | Platforms in ABS Housing PL/D2 | Powder-Coated Platforms PLC |
|---|---|---|---|
| Maximum capacity [Max] | 5 – 2000 kg | 0.6 – 6 kg | 6 – 30 kg |
| Readability [d] | 0.1 – 50 g | 0.5 – 2 g | 2 – 10 g |
| Stabilization time | 3 s | – | – |
| Adjustment | Internal | External | External |
| Weighing pan dimensions | 280×360 mm, 500×500 mm, 800×600 mm, 800×1000 mm, 1000×1250 mmm | 195×195 mm | 300×300 mm |
| Mechanical design | ST3S powder coated steel, AISI304 stainless steel, aluminium | ABS plastic | ST3S powder coated steel |
| Weighing pan | AISI304 stainless steel | AISI304 stainless steel | AISI304 stainless steel |
| Ingress protection | IP 66/67 | IP 43 | IP 65 |
| Communication interfaces | RS 232, RS 485, Ethernet, Option: 2×IN, 2×OUT, Profinet, Profibus, Modbus | – | – |

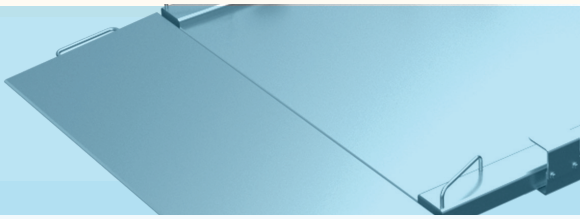
Product range regarding weighing terminals covers various solutions when it comes to both mechanical design and use. Majority of the models combine features of a weighing instrument and an advanced industrial PC equipped with software offering many applications designed to enable weighing, dosing, formulations, etc., and facilitating, thanks to programming components, communication with user weighing applications.

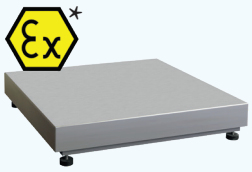


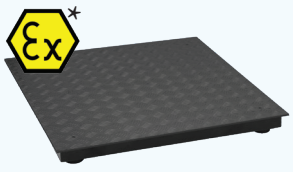
| Terminal PUE CY10 | Terminal PUE HX5.EX | Terminal PUE HX7 | Terminal PUE HY10 | Terminal PUE 5 |
|---|---|---|---|---|
| III | III | III | II or III | III |
| 6000 e | 6000 e | 6000 e | 6000 e | 6000 e |
| 10” colour touchscreen | 5” graphic colour | 7” graphic colour | 10.1” colour touchscreen | 15.6” or 19” colour touchscreen |
| ABS + aluminum | AISI304 stainless steel | AISI304 stainless steel | AISI304 stainless steel | AISI304 stainless steel |
| Linux | – | – | Linux | Microsoft Windows 10 IoT |
| Quad-core 1.5 GHz | – | – | Quad-core 64-bit 1.2 GHz | Quad-core 2.56 GHz |
| 2 GB RAM + 16 GB | – | – | 1 GB RAM + 16 GB micro SD | 8 GB RAM + 128 GB micro SD |
| 4 | 1 | 1 (optionally up to 2) | 1 (optionally up to 4) | 1 (optionally up to 3) |
| IP 43 | IP 66/68 | IP 66/68 | IP 68(1h max)/69 | IP 68 |
| 2×USB-A, USB-C, HDMI, Ethernet, Hotspot, Wi-Fi® | 2×RS-232, RS-485, depending on design 4×IN and 4×OUT | RS-232, USB-A, Ethernet, 4×IN, 4×OUT, Modbus RTU | 2×USB-A, 2×RS-232, Ethernet, 4×IN/4×OUT (digital) | 2×USB-A, 2×M12 4P, 2×RS-232, RS-485, 2×Ethernet, Profibus DP |
| – | – | USB-A, RS-232, RS-485, Profibus, Profinet, Ethernet/IP, Ethernet, In/Out, Analog output | Wi-Fi®, RS-485, Profinet, Profibus, In/Out, Analog output | In/Out |

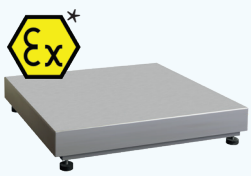
Wi-Fi® is a registered trademark of Wi-Fi Alliance

load cell platforms, completed with devices of high resolution guaranteeing measurement in industry with the accuracy of a laboratory device, provide the highest comfort of operation. Almost every single platform when connected with the PUE HX5.EX terminal, can be operated in hazardous areas. All platforms are of high IP.







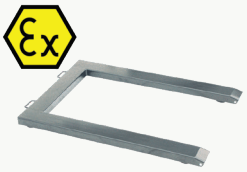


| Stainless Steel Platforms PL/H | Powder-Coated Platforms PLC/4/C | Waterproof Platforms PL/4/H | Stainless Steel Platforms with Open Weighing Pan Wings PL/4/Z | Stainless Steel Ramp Platforms PL/4N |
|---|---|---|---|---|
| 3 – 300 kg | 600 – 6000 kg | 300 – 6000 kg | 300 – 6000 kg | 150 – 1500 kg |
| 20 – 100 g | 200 – 2000 g | 100 – 2000 g | 100 – 2000 g | 50 – 500 g |
| – | – | – | – | – |
| External | External | External | External | External |
| 150×200 mm, 250×300 mm, 250×300 mm, 410×410 mm, 400×600 mm, 500×500 mm, 600×600 mm, 800×800 mm | 800×800 mm, 1000×1000 mm, 1200×1200 mm, 1200×1500 mm, 1500×1500 mm, 1500×2000 mm, 2000×2000 mm | 800×800 mm, 1000×1000 mm, 1200×1200 mm, 1200×1500 mm, 1500×1500 mm, 1500×2000 mm | 800×800 mm, 1000×1000 mm, 1200×1200 mm, 1200×1500 mm, 1500×1500 mm, 1500×2000 mm | 840×860 mm, 1100×1200 mm, 1200×1500 mm, 1500×1500 mm |
| AISI304 stainless steel, AISI316 stainless steel | ST3S powder coated steel | AISI304 stainless steel | AISI304 stainless steel | AISI304 stainless steel |
| AISI304 stainless steel, AISI316 stainless steel | ST3S powder coated steel | AISI304 stainless steel | AISI304 stainless steel | AISI304 stainless steel |
| IP 68 | IP 65 | IP 68 | IP 68 | IP 68 |
| – | – | – | – | – |

*Optional design

# OTHER PLATFORMS

Pallet and beam platforms are proved constructions for pallet weighing. Equipped with casters and special holders they guarantee easy transport of the device onto the workstation. Livestock scales provide measurement accuracy and repeatability even in the case of weighing of an animal in motion. Track scales enable weighing of hanging load at the moment when a respective roll enters the measuring section.




| Technical specifications | Pallet and Beam Scales | Livestock Scales | Overhead Track Scales |
|---|---|---|---|
| Maximum capacity [Max] | 600 – 6000 kg | 2000 kg | 300 |
| Readability [d] | 200 – 2000 g | 1 kg | 0.1 – 0.2 kg |
| Stabilization time | – | – | – |
| Adjustment | External | External | External |
| Weighing pan dimensions | 840 × 1200 mm, 860 × 1200 mm, 2 × 1.2 m (2 pcs), 0.12 × 2 m (2 pcs), 0.12 × 2.5 m (2 pcs) | 1 × 2 m, 1 × 2.5 m | 800 mm (weighing track length) |
| Mechanical design | ST3S powder coated steel, AISI304 stainless steel | ST3S powder coated steel, AISI304 stainless steel | ST3S galvanized steel, AISI304 stainless steel |
| Weighing pan | ST3S powder coated steel, AISI304 stainless steel | Corrugated powder coated aluminium, AISI304 stainless steel | ST3S galvanized steel, AISI304 stainless steel |
| Ingress protection | IP 65 (powder coated), IP 68 (stainless steel) | IP 67 (powder coated), IP 68 (stainless steel) | IP 67 (galvanized steel), IP 68 (stainless steel) |
| Communication interfaces | – | – | – |