

PRECISION BALANCES PS/C1



Balances series PS are equipped with 12 key front panel and LCD backlit display. Pan dimension in this series is 195×195 or 128×128 mm with a glass shield over the weighing pan which protects the load against possible breeze. Each balance has RS 232 and additional display outputs as standard.

GLP procedure is available in a form of a report from balance calibration. shape of the printout is modifiable. User name, project name, print of date and time, and print frame are user defined on printout.

Balances marked as C/1 are equipped with system of external calibration.

Balances are equipped with optional weighing of loads outside the weighing pan, so called under hook weighing. it is an alternative for weighing loads with non standard dimensions or made of magnetic substances. Under hook weighing is additionally applied in case of density determination procedure.



Counting pieces



Density determination



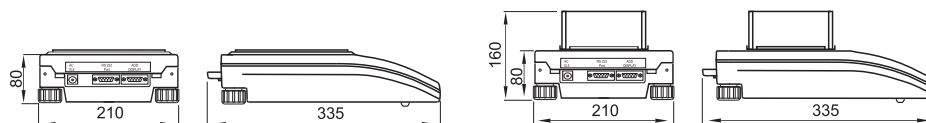
Percentage



Summing function



Checkweighing



Technical data:

| | PS 200/2000/C/1 | PS 110/C/1* | PS 210/C/1* | PS 360/C/1 | PS 510/C/1 | PS 750/C/1 | PS 1000/C/1 |
|-------------------------|--------------------------------------|-------------|-------------|------------|------------|------------|-------------|
| Max capacity | 200/2000 g | 110 g | 210 g | 360 g | 510 g | 750 g | 1000 g |
| Minimal load | 20 mg | 20 mg | 20 mg | 20 mg | 20 mg | 20 mg | 20 mg |
| Readability | 1/10 mg | 1 mg | 1 mg | 1 mg | 1 mg | 1 mg | 1 mg |
| Tare range | -2000 g | -110 g | -210 g | -360 g | -510 g | -750 g | -1000 g |
| Repeatability | 1/10 mg | 1 mg | 1 mg | 1 mg | 1 mg | 1,5 mg | 1,5 mg |
| Linearity | ±2/10 mg | ±2 mg | ±2 mg | ±2 mg | ±2 mg | ±3 mg | ±3 mg |
| Stabilization time | 2 s / 1,5 s | 2 s | 2 s | 2 s | 2 s | 2 s | 2 s |
| Pan size | 128×128 mm | | | | | | |
| Sensitivity drift | 2 ppm/°C in temperature +18 - +30 °C | | | | | | |
| Working temperature | +15 - +30 °C | | | | | | |
| Power supply | 230V / 11V AC or 120V / 11V AC | | | | | | |
| Net weight/Gross weight | 3,3/5,2 kg | 3,2/5,1 kg | 3,2/5,1 kg | 3,2/5,1 kg | 3,2/5,1 kg | 3,2/5,1 kg | 3,2/5,1 kg |
| Packaging size | 570×325×225 mm | | | | | | |

* verified balances

Technical data:

| | PS 1200/C/1* | PS 2100/C/1* | PS 3500/C/1 | PS 4500/C/1 | PS 6000/C/1 | PS 8000/C/1 |
|-------------------------|--------------------------------------|--------------|-------------|-------------|-------------|-------------|
| Max capacity | 1200 g | 2100 g | 3500 g | 4500 g | 6000 g | 8000 g |
| Minimal load | 500 mg | 500 mg | 500 mg | 500 mg | 500 mg | 500 mg |
| Readability | 10 mg | 10 mg | 10 mg | 10 mg | 10 mg | 10 mg |
| Tare range | -1200 g | -2100 g | -3500 g | -4500 g | -6000 g | -8000 g |
| Repeatability | 10 mg | 10 mg | 10 mg | 10 mg | 15 mg | 15 mg |
| Linearity | ±20 mg | ±20 mg | ±20 mg | ±20 mg | ±20 mg | ±20 mg |
| Stabilization time | 1,5 s | 1,5 s | 1,5 s | 1,5 s | 1,5 s | 1,5 s |
| Pan size | 195×195 mm | | | | | |
| Sensitivity drift | 2 ppm/°C in temperature +18 - +30 °C | | | | | |
| Working temperature | +15 - +30 °C | | | | | |
| Power supply | 230V / 11V AC or 120V / 11V AC | | | | | |
| Net weight/Gross weight | 3,2/5,1 kg | 3,4/5,3 kg | 3,4/5,3 kg | 3,4/5,3 kg | 3,4/5,3 kg | 3,4/5,3 kg |
| Packaging size | 570×325×225 mm | | | | | |

* verified balances

Additional equipment:

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| ANTI-VIBRATION TABLE | LCD ADDITIONAL DISPLAY |
| "KAFKA" THERMAL PRINTER | EXTERNAL RECHARGEABLE BATTERY PACK |
| NEEDLE PRINTER "EPSON" | SUITCASE FOR BALANCE |
| DENSITY DETERMINATION KIT FOR SOLIDS AND LIQUIDS | COMPUTER SOFTWARE: PW-WIN 2005, RAD-KEY 2000, REC-FS 2000 |
| RACK FOR UNDER HOOK WEIGHING | |