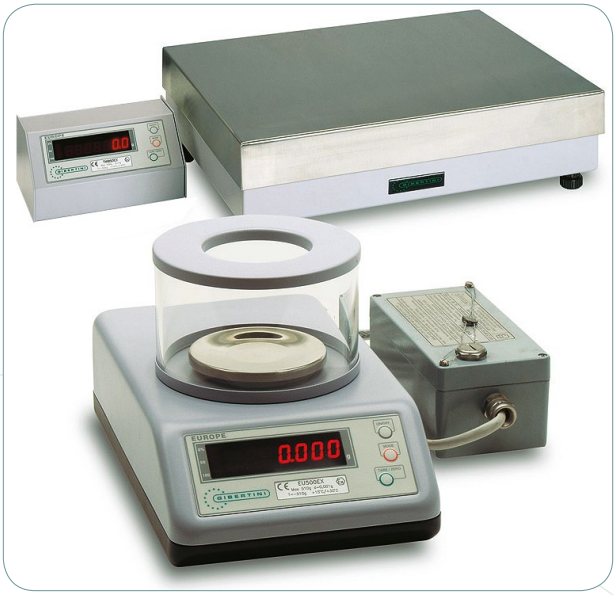
BALANCES AND PLATFORMS TO BE USED IN HAZARDOUS ENVIRONMENTS



CESI certificate is valid all over EU; the instruments are suitable to be used in presence of dangerous, inflammable or explosive gases or vapours belonging to group II B (i.e.: paints, solvents, propane, ethylene). The balances are made of two parts:

The weighing unit, that includes the weighing cell and the functional commands, intrinsic security construction.

The control unit, that includes the whole electronic part according to security rules EEX q II B T5 (quartz dust).

Specifications

- Full automatic calibration by external mass
- Tare range (by subtraction): up to the max. capacity
- Exclusive Gibertini antishock system for overload protection
- Seven segment display, small decimal digits
- ON/OFF display
- Bar-graph indicator for remaining capacity of the balance
- Membrane keyboard - solvent proof and easy to use
- Weighing underneath the balance (only for balances)
- Serial output by optical fibre
- External power supply:
  220V (-15% / +10%) 18 VA.
  On request 110V-60Hz
- Working temperature: +10°C/+40°C (optimum -15°C/+30°C)
- Working relative humidity: 10 ÷ 85%
- Atex power supply dimensions:
  200 x100 x 85 mm.
- Protection class IP65

On request: RS232 interface and data transmission fibre optic cable (length on request), frame for install platforms on the floor, reading subdivision (it allows the reading with one more decade by serial transmission), accessory for the calibration with internal mass for models TMB 600-1500-3000.

Platforms

Platforms	Capacity kg	Readability g	Linearity g	Repeatability g	Response time	Pan. Dim.mm
TMB 25 Ex	25	0,5	+/- 1	+/- 0,5	3/4 sec	400 x 500 [1]
TMB 35 AR EX	6,5 / 35	0,1 / 1	+/- 0,2/2	+/- 0.1 /1	3/4 sec	400 x 400 [1]
TMB 50 EX	50	1	+/- 2	+/- 1	3/4 sec	400 x 500 [1]
TMB 150 EX	150	5	+/- 2	+/- 2	3/4 sec	600 x 700 [1]
TMB 300 EX	300	10	+/- 20	+/- 5	3/4 sec	700 x 900 [1]
TMB 600 EX	600	20	+/- 40	+/- 10	3/4 sec	1250 x 1250 [2]
TMB 1500 EX	1500	50	+/- 100	+/- 20	3/4 sec	1250 x 1250 [1]
TMB 1500 A EX	1500	50	+/- 100	+/- 20	3/4 sec	1250 x 1250 [2]
TMB 3000 EX	3000	100	+/- 200	+/- 50	3/4 sec	1500 x 1500 [2]

Homologated CE 384

PTF 26 EX CE	26	0,5	+/- 1	+/- 0,5	3/4 sec	400 x 500 [1]
PTF 52 EX CE	52	1	+/- 2	+/- 1	3/4 sec	310 x 310 [4]

Balances

EU 500 EX	510	0,001	+/- 0,002	+/- 0,001	2/3 sec	Ø 110[1]
EU 1700 EX	1700	0,01	+/- 0,02	+/- 0,01	2/3 sec	Ø 150[1]
EU 6000 EX	6300	0,1	+/- 0,2	+/- 0,05	2/3 sec	Ø 190[1]
EUROPAINTEX 8.5	8500	0,1	+/- 0,2	+/- 0,05	2/3 sec	Ø 190[1]

1 = stainless steel 2= galvanized 3= 0,1 g crossed 4= stainless steel pan with base 400 x 500 mm

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