The compact MeltFloW basic is designed for accurately measuring the Melt Flow Rate in grams/10 min. in connection with an appropriate balance.

**Technical specifications**

Electrically heated barrel with two heating areas, with PID-temperature regulator by use of 2 PT 100 thermoresistances.

**Temperature range**

max. + 400 °C

**Display steps**

0.1 °C

**Testing barrel**

Ø 9.55 mm

**Testing capillary**

Ø 2.095 mm x 8 mm length

**Testing piston**

Ø 9.48 mm

**Supply**

230 V; 50 Hz (115 V upon request)

**Power**

1,3 kVA

**Physical specifications**

**Dimensions**

340 x 310 x 470 mm (L x W x H)

**Weight**

appr. 26 kg

**Standards**

ASTM D 1238 - method A; ISO 1133 - method A and similar

**standard equipment**

• 1 Standard nozzle
• 1 Piston complete
• 1 Barrel closing device
• 1 Nozzle reamer
• 1 Barrel cleaning tool
• 1 Compactor for resin
Optional equipment

- Manual cutting device
- Nozzle plugging device usable for very low viscosity materials
- Protection cover with handle
- Motorized weight lifter useful for masses of more than 5 kg
- Power supply: 230 V / 50 Hz
- Filling funnel for powder: useful for sticky materials or powders to avoid material sticking at the conical entrance of the cylinder
- Levelling device: for the exact levelling of the instrument during installation or setup
- Go-no-gauge for the die, incl. certificate
- Go-no-gauge for the cylinder, incl. certificate
- Nitrogen supply (e.g. for PET-Testing)
- Special cotton strip for barrel cleaning
- Cleaning paste (50 ml)
- Cleaning concentrate 1 Ltr.
- Cleaning concentrate 5 Ltr.

- Precision balance 150/0.001 with external calibration weight and windshield
  - Optional: RS 232 C bidirektional
  - Technical data:
    - Resolution: 1 mg
    - Weighing range: 150 g
    - Repro: 0.002 g
    - Linearity: +/- 0.003 g
    - Dimensions (BxHxT): 180 x 85 x 230 mm
    - Power supply: 230 V; 50 - 60 Hz
    - Mass: ca. 2 kg
  - Standard masses
    - Mass of 1000 Gr. (9.81 N)
    - Mass of 1050 Gr. (10.30 N)
    - Mass of 1200 Gr. (11.77 N)
    - Mass of 2160 Gr. (21.18 N)
    - Mass of 3800 Gr. (37.27 N)
    - Mass of 5000 Gr. (49.05 N)
  - Additional masses
    - Mass of 5000 Gr. (49.05 N)
    - Mass of 1600 Gr. (15.70 N)
    - Mass of 2500 Gr. (24.53 N)