

5. Specifications

5.1 The Boekel *Flask Dancer* provides:

- Gentle or vigorous orbital rotational mixing; depending on speed chosen.
- Smooth regulation, stabilization and indication of speed (tachometer);
- Equal amplitude across the platform;
- Setting of a necessary time interval and its indication (timer);
- Automatic termination of operation after the set time interval has elapsed;
- Indication of current and set rotation speed, on LCD display panel.
- Indication of the operation time of the unit, on LCD display panel

5.2 Technical specification

- Revolution regulation range50 - 300 rpm
- Speed adjustment step10 rpm
- Amplitude of rotational shift10 mm
- Maximal load5.5 lb.
- Ambient operating temperature range+4°C to +45°C
- Operation adjustment time.....5 seconds
- Timer range1 minute to 96 hours
- Time adjustment step1 minute
- Size of platforms:
 - 270293 (for plates)220 x 220 mm
 - 270292 (universal)270 x 200 mm
 - 270291 (12 places for 100 ml flasks)250 x 190 mm
 - 270290 (6 places for 250 ml flasks)250 x 190 mm
- Power12 VDC, 500 mA
- Dimensions10.8 in. x 10.2 in. x 3.3 in.
- Weight9.9 lb.