

Aquatron®

Orbital water-bath shaker



Round and clean

If more rapid heating and a very even temperature distribution required over the whole tray is demanded, a water bath shaker has advantages over temperature control using air circulation. Splashing at high speeds and difficulties when cleaning count against them.

These disadvantages are eliminated in the Aquatron - a novel shaker system due to the "invention" of a round form.

The table is located on a dry, central eccentric drive shaft system, designed so that no part is within the water bath chamber. The table can easily be removed for cleaning of the bath by releasing the central locking handle and lifting it away.

Surface rusting will not be a problem as the housing, walls and table fixing are all non-metallic.

The bath contents can be completely and effortlessly removed via a drain valve.



Features and Options

- Magnetic drive – requires little maintenance and reduces wear
- Optimal Temperature distribution – due to the round form
- Easy cleaning – no corners or edges
- Lid with gassing ports – to prevent evaporation losses or for gassing (Option).
- Gassing possibilities – via inlet and outlet ports in the lid and an O ring seal
- Cooling – via a cooling coil (Option)
- Level control – (Option)

Loading capacity

The round table Type ATB Ø 430 mm, can be Universal (with holes for different sizes of flask clamps and -holders), or a fixed table (with just one size of clamps).

Flask Size ml	Quantity*
50	40
100	24
250	16
500	8
1000	6
2000	4

Technical Data

Shaker speed range	20 – 400 RPM
Throw	Ø 12,5 mm
Accuracy	± 1% of max. speed
Temperature range	5 °C over RT to 80 °C
	Probe measures to 100°C
Precision	± 0,2 °C
Weight without Table	approx. 45 kg
Dimensions W x D x H	53 x 53 x 55 cm
Power	115/230 V ± 10%, 50/60Hz

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