

TECHNICAL FILE UC&UM

This is a range of individual stainless steel tanks fitted with ultrasonic emitters.

Applications :

Chemical and electronic laboratories,
Opticians,
Watchmakers, jewellers,
Low volume production,

UC Tanks :

The UC tank is produced in polished stainless steel. The exterior of the equipment is also in stainless steel. In the UC product range, the ceramic piezo-electric transducers are fitted underneath the tank with a built-in generator.



All the models have an adjustable, thermostat controlled, heating with a working range from 30 to 85°C in order to obtain the optimum temperature for each application.

The 40 kHz frequency guarantees an optimum depth cavitation with minimum noise.

Baskets and top covers are optionally available.

Standard dimensions :

	UC 10	UC 15	UC 30
Tank dimensions (mm)	300 x 250 x 150	300 x 250 x 200	500 x 300 x 200
External dimensions (mm)	380 x 330 x 420	380 x 330 x 420	580 x 380 x 420
Ultrasonics	3 x 40 kHz	4 x 40 kHz	6 x 40 kHz
Heating power (W)	500	500	800

UM Tanks :

The UM tank and panels are produced in stainless steel. In the UM product range, the ceramic piezo-electric transducers are fitted underneath the tank with a separate generator.

The ultrasonic frequency can be set to 25 or 40 kHz. The connection to the generator is via a 2.5m long co-axial cable.

Options :

- Thermostat controlled electric heating
- Pump and filter module
- Drying tank



Standard dimensions :

	UM 15	UM 30	UM 60	UM 120	UM 180
Internal dimensions (mm)	300 x 250 x 300	400 x 300 x 350	500 x 350 x 400	700 x 400 x 500	900 x 500 x 500
Liquid height (mm)	200	250	300	400	400
External dimensions (mm)	450 x 400 x 550	550 x 450 x 600	650 x 500 x 650	850 x 550 x 750	1050 x 650 x 750
Max ultrasonic power (W)	600	1200	2000	3000	4000
Heating power (W)	1000	2000	4800	7200	11250

Electrical supply :

400 volts tri-phase + Neutral + Earth, see table for power rating

Sound level :

Estimated: 80 dBA

Safety standards :

Manufactured according to European Directive 2006/42/CE
CE marking