

SHINVA



CIMA[®]
Industries Inc.
Pharmaceutical Equipment

ULTRASONIC WASHER



*Integral solutions
in medical equipment*

QX2000 ULTRASONIC WASHER

QX2000 ultrasonic washer is professional washing equipment that improved base on the international congeneric product. It can be used for medical or experimental instrument in CSSD, operating room and laboratory. This series of washer is designed to be advanced, featured and efficient washing equipment. This ultrasonic washer can be designed to single, double or triple frequency. The triple frequency washer achieves that setting and auto shift in three frequencies of 40 KHz, 80 KHz and 100 KHz to wash instrument in three ways of pre washing, rinse and master washing. The dirt attached on the instrument can be cleaned off thoroughly.

QX2000 consists of washing tank, ultrasonic generator, ultrasonic transducer, heating tube, temperature transmitter, water level transmitter, draining pump, basket and pipeline. It uses high frequency oscillation signal, which sent out by ultrasonic generator, and converts to high frequency mechanical oscillation signal and diffuses into the cleaning fluid. The ultrasonic spreads forward in the cleaning fluid to generate millions of tiny bubbles. During the process called 'Cavitation' the bubbles implode immediately to generate high pressure and impacts the articles to spall the fouling adhered on the surface and gap of the articles to achieve cleaning purpose.



- Excellent washing effect and high washing accuracy that could clean those instruments with uneven surface or tiny gap.
- High washing speed improves working efficiency. It protects the instrument from contamination caused by hand contact.
- The tank and outer cover adopt high quality stainless steel which is durable and easy to clean.
- All tanks are auto water-injecting which injects water to certain water level.
- All tanks are equipped with reliable LCD monitor that could be controlled independently.

Technical parameters

Ultrasonic washer frequency:

40 KHz (single-frequency)

40/100 KHz (double-frequency)

40/80/100 KHz (triple-frequency)

Heating type: electrical heating

Power supply: 380V

Water supply: 0.2 ~ 0.5Mpa, DN15

Water quality requirement:

Washing tank: softened/pure water

Flushing tank: pure water



Ultrasonic washer



Flushing tank



Drying tank

QX series ultrasonic washer can be equipped with extended-function tank: flushing tank and drying tank.

Flushing tank: The high pressure flushing tank uses powerful circulating pump and specialized nozzle to flush, rinse, disinfect and apply oil on instrument after ultrasonic washing.

Drying tank: This tank adopts high quality heater and efficient fan to dry instrument after washing disinfection.



QX2000-A Ultrasonic Washer

QX2000-A ultrasonic washer equipped with auto elevating system that could lift the top lid and basket automatically after ultrasonic wash so that decreases the labor intensity. It is suitable for washing great amount instruments in hospital. To meet hospital polybasic demand, the washer can also be used with Swiss brand multi-frequency ultrasonic generator.



Swiss brand multi-frequency ultrasonic generator has high rate of energy conversion, high quality and it is energy-efficient.



Technical parameter table

Standard ultrasonic washer

Order code Parameters	QX2000					QX1500		
	QX2000	QX2000-C	QX2000-G	QX2000-D	QX2000S	QX1500	QX1500-D	QX1500-S
Thank dimension (LxWxH) mm	600 x 420 x 330					700 x 300 x 310		
Overall dimension (LxWxH) mm	800 x 640 x 830					900 x 520 x 830		
Heating power (KW)	9	9	7.5	9	9	9	9	9
Function	Ultrasonic wash	Flush, oil, apply, disinfection	Drying	Ultrasonic wash				
Frequency (Khz)	40			40/100	40/80/100	40	40/100	40/80/100
Note	Single frequency			Double frequency	Triple frequency	Single frequency	Double frequency	Triple frequency

Auto-elevating ultrasonic washer

Order code Parameters	QX2000-A	QX2000-DA
Thank dimension (LxWxH) mm	600 x 420 x 330	600 x 420 x 330
Overall dimension (LxWxH) mm	840 x 694 x 860	840 x 694 x 860
Heating power (KW)	9	9
Frequency (Khz)	40	40/100
	Single frequency	Double frequency



World Trade Center. 1er Piso, Área Comercial
Calle 53 Marbella. Apartado 0832-00155 WTC
Panamá, República de Panamá
Tel. +507 205 1915 Fax. +507 205 1802

SHINVA

Address: No. 2009 Xinglu Ave. Shinva Science Park, Zhoucun, Zibo,
Shandong Province, P. R. China
Postcode: 255300
Sales telephone: 0086-533-3581273
Email: xhmed@vip.163.com
Website: www.shinva.com