

# Microprocessor Based Ultrasonic Compact Cleaners

TPC Series in collaboration with Telsonic AG, Switzerland

Ultrasonics, i.e. high frequency vibrations, generate agitation in liquid resulting into 'Cavitation', which is rapid formation and collapse of minute bubbles in liquid. Implosion of bubbles with high pressure on exposed surface of component dislodges and removes contamination like dirt, dust, oil, grease, chips, wax, lapping paste, carbon etc. It helps in cleaning of inaccessible areas.

Very high degree of cleaning can be achieved in multi-chamber/multi-operation cleaning system with proper orientation of components, filtration of cleaning liquid, rinsing of components and drying with air and/or vacuum.



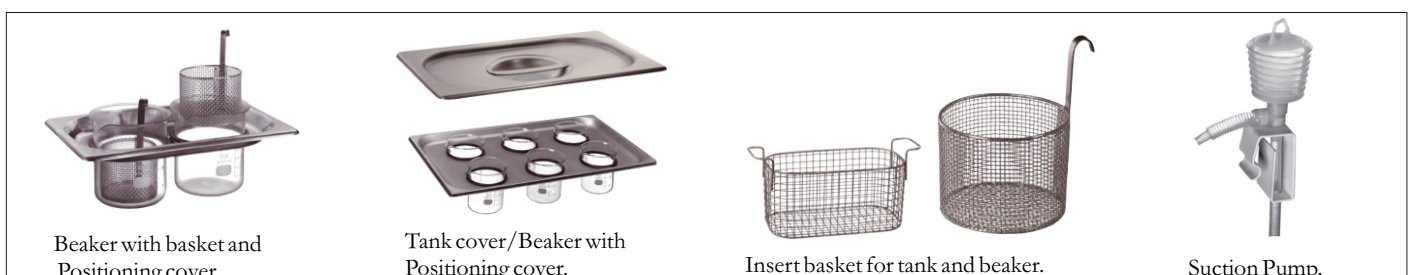
## TECHNICAL SPECIFICATIONS

TYPE		TPC-15H	TPC-25H	TPC-40H	TPC-120H	TPC-280H
Mains Voltage	V	230	230	230	230	230
Current consumption incl. Heater	A <sub>max</sub>	0.8	1.0	1.2	5.0	8.0
Ultrasonic output eff/peak	W <sub>max</sub>	75/150	75/150	150/300	300/600	600/1200
Operating frequency	Khz	30	30	30	30	20/30/40
Digital adjustable thermostats	20°-80°C	Yes	Yes	Yes	Yes	Yes
Digital Timer	1s-99min	Yes	Yes	Yes	Yes	Yes
Heating power	W	120	150	150	800	1200
Tank capacity	L	1.5	2.5	4	12	28
Int. Dimensions L x W x D	mm	150x135x100	235x135x100	235x135x150	300x235x200	505x300x200
Ext. Dimensions L x W x D	mm	180x165x220	265x165x220	265x165x262	330x270x325	535x330x370
Outlet valve		No	No	No	Yes	Yes
Weight	Kg	3.0	3.5	4.5	9.0	18.0
Item Code		900 975 010	900 976 010	900 978 010	900 979 010	900 981 010

Also available with different Tank Capacities as per requirement.

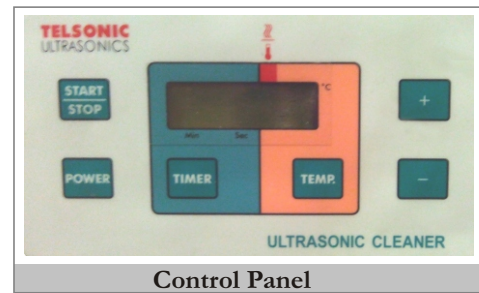
## ACCESSORIES

Tank cover, beaker with positioning cover, basket, insert basket for beaker.



# FEATURES

- ★ Digital Control of time and temperature.
- ★ SS tank with complete SS body.
- ★ Simple operation.
- ★ Longer tank life.
- ★ Low noise level.
- ★ Suitable for continuous operation
- ★ Rugged and easy to clean stainless steel housing.
- ★ Automatic frequency tuning for maximum output.
- ★ Latest technology with fully transistorized generator.



# APPLICATIONS

## ★ Scientific Labs

- ★ Eyeglass Frames
- ★ Lab Glassware
- ★ Optical &
- ★ Contact Lenses
- ★ Pipettes
- ★ Test tubes



## ★ Electronics

- ★ Manufacturing
- ★ Capacitors
- ★ Ceramic Substrate
- ★ PC Boards
- ★ Packaging Components



## ★ Jewelry Manufacturing

- ★ Chains
- ★ Charms
- ★ Coins
- ★ Watches
- ★ Precious Metals



## ★ Industrial Manufacturing

- ★ Assemblies
- ★ Gears
- ★ Metal Parts
- ★ Switches



## ★ Textile Industry

- ★ Spinnerets
- ★ Candle filters, Ceramic guides
- ★ Nozzles, Healdwires,
- ★ Reeds, Knitting needles



## ★ Medical & Dental Labs

- ★ Dental Instruments
- ★ Syringe Parts
- ★ Surgical Instruments



## ★ Auto Industry

- ★ Carburetor
- ★ Castings
- ★ Fuel Injectors
- ★ Switches
- ★ Machined Parts



## ★ And many other industries.

NOTE: Technical specifications are subject to change without prior notice, due to continuous upgradation.

# CONTACTS

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