



TURQUOISE BIOMEDICAL TECHNOLOGIES

*Manufactures  
Happiness! :)*



# PLUSONIC

Ultrasonic Cleaners for Medical, Laboratory and Dental Professionals

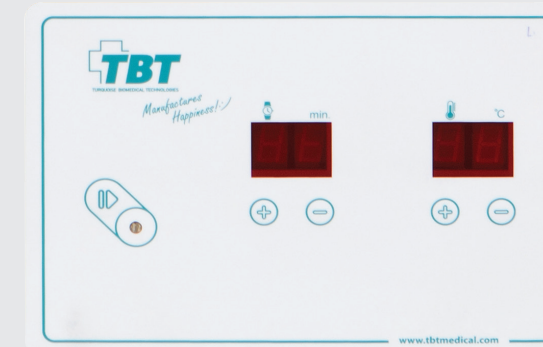
[www.tbtmedical.com](http://www.tbtmedical.com)



## + Different Processes, Different Sizes, Different Needs, One Solution

PLUSONIC series ultrasonic cleaners offer you wide range of cleaning devices under same solution. First step of the sterilizing process is cleaning medical instruments. PLUSONIC is the optimal solution for professionals to protect medical personnel and patients from infection.

PLUSONIC uses advance technology which provides you to clean more complex medical surfaces such as micro-instruments, dental instruments and endoscopes without any damage.



Digital control panel with liquid protection between 4 - 28 L models



28 - 30 kHz ultrasonic frequency between 4 - 28 L models for removal of stubborn contaminations

Bottom supported basket with silicone protection



25 kHz ultrasonic frequency for fine cleaning between 40 - 80 L models

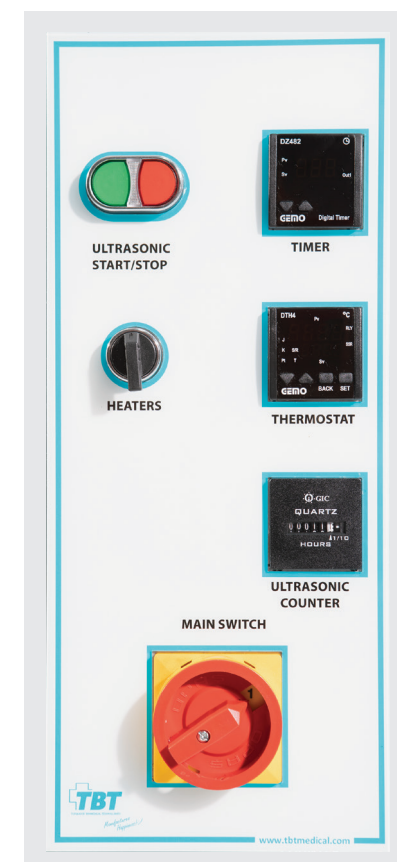
Chamber hung basket with silicone protection



## + Simple & Reliable

PLUSONIC series ultrasonic cleaners make your cleaning process easier and more reliable. Automated features and noise reduced design of PLUSONIC increases value of your cleaning environment by its advanced technology and robust design.

- Completely made of AISI 304 stainless steel
- Wide range of accessories (Beaker stands, borosilicate glass beakers, AISI 304 stainless steel covers, AISI 304 stainless steel baskets & cleaning solutions)
- Wide range of options (touchscreen controller, auto drain, auto water fill, dosing pump, automatic cover, basket elevator, additional cleaning / rinsing / drying modules, power adjustment, other ultrasonic frequencies, sweep function, circulation pump & filtration system)
- Real-time monitoring of actual temperature during cycle
- Remaining time counter, when cycle is running
- Continuous operation without ultrasonic function by heaters
- Heater On/Off button in self-standing models
- Programmable cleaning time and heating control with last cycle memory
- Temperature control of ambient to 90°C in 1°C increments
- Time control of 0 to 99 min. in 1 min. increments
- Safety functions (Overheating protection, On/Off button)
- Advanced technology with high-performance transducers
- Auto degassing function with high ultrasonic power in the beginning when run without load or user set heat and time parameters for degassing



Digital timer & temperature adjustment between 40 - 80 L models



AISI 304 stainless steel covers between 4 - 28 L models



Dual layer, AISI 304 stainless steel covers between 40 - 80 L models



Wide range of AISI 304 stainless steel baskets & supports

Filling marker



Our models and their specifications are given below:

## PLUSONIC Series Ultrasonic Cleaners

Model	UC4	UC12	UC18	UC28	UC40	UC50	UC60	UC80
Reference No	111001	111002	111003	111004	111005	111006	111007	111008
Tank Max. Volume (L)	4	12	18	28	40	50	60	80
Tank Internal Dimensions (WxDxH mm)	240x140x150	300x240x200	330x300x200	505x300x200	400x300x300	400x300x400	500x400x300	500x400x400
Unit External Dimensions (WxDxH mm)	260x160x320	320x260x400	350x320x500	530x320x500	750x700x800	780x700x800	850x700x800	850x700x800
Ultrasonic Peak Power Max. (W)*	400	600	1200	1200	1200	1600	2000	2000
Heating power (W)	200	400	400	800	2000	2000	4000	4000
Piezoelectric Transducers	6	8	16	16	32	32	32	32
Drain Valve Diameter	-	¼"	¼"	¼"	¾"	¾"	¾"	¾"
Drain Valve Position	-	Side	Side	Side	Rear	Rear	Rear	Rear
Mobility	Handles				4 x ø50 mm castors (2 with brakes)			
Type	Countertop				Self-standing			

\* Due to the signal shape, maximum peak value of ultrasound output may be up to four times the value results.

\*\* Technical specifications serve as reference approximate values and are subject to tolerances due to production process. Proper operation can only be guaranteed if original TBT accessories are used.



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