


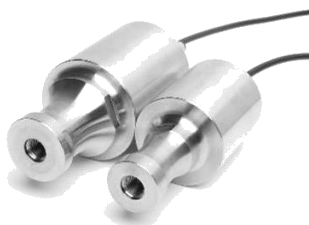
	12 kHz							20 kHz							35 kHz			
Transducers	 1							 2							 3			
Booster (OPTIONAL)	N/A							 4 Not compatible with microtips (n°24&25)							N/A			
Probes	 5	 6	 7	 8	 9	 10	 11	 12	 13	 14	 15	 16	 17	 18	 19	 20	 21	
Tips & Extender	N/A	 22	N/A	 23	N/A			N/A	 24	 25	 26	N/A	 27	N/A	 28	N/A	N/A	N/A

#	Description	#	Description	#	Description	#	Description
1	Transducer 12kHz - TR4C40	9	Solid Probe 12kHz - 40D25	17	Probe 20kHz - 40D25 for tips & extender	25	Microtip 20kHz - 13D6
2	Transducer 20kHz - TR4C40	10	Solid Probe 12kHz - 40D35	18	Solid Probe 20kHz - 40D35	26	Probe extender 20kHz - 13D13
3	Transducer 35kHz - TR2C25	11	Solid Probe 12kHz - 65D35	19	Solid Probe 20kHz - 65D35	27	Probe extender 20kHz - 20D20
4	Booster 20kHz - 2:1	12	Solid Probe 20kHz - 40D13	20	Solid probe 35kHz - 16D3	28	Probe extender 20kHz - 25D25
5	Solid Probe 12kHz - 40D13	13	Probe 20kHz - 40D13 for tips & extender	21	Solid probe 35kHz - 22D6	29	Replaceable Tip 20kHz - D25
6	Probe 12kHz - 40D13 for tips & extender	14	Solid Probe 20kHz - 40D20	22	Replaceable Tip D13		
7	Solid Probe 12kHz - 40D20	15	Probe 20kHz - 40D20 for tips & extender	23	Replaceable Tip D20		
8	Probe 12kHz - 40D20 for tips & extender	16	Solid Probe 20kHz - 40D25	24	Microtip 20kHz - 13D3		

## + WHAT IS A TRANSDUCER?

Converts electrical energy provided by the generator into mechanical energy. It is the part of the system which creates ultrasound waves.

+ CONVERTER



## + REPLACEABLE TIP OR SOLID PROBE?

Replaceable tips have threaded ends and can be unscrewed and replaced when the tip is worn out. They are dedicated to treat aqueous samples only.

If you require to process samples containing organic solvents or other low surface tension liquids, solid probes have to be used.

## + WHAT IS A PROBE?

Made of titanium and fitted on the transducer, it transmits the mechanical vibration to the liquid sample.

+ TOOL



## + WHAT IS A MICROTIP / AN EXTENDER?

They both fit on probes for replaceable tip. Microtips are recommended for sample processing inside small and thin vessels and for volumes up to 50ml.

They produce high intensity and are made for short processing times. Extenders stretch out the probe lengths.



## + WHAT IS A BOOSTER?

Located between the transducer and the probe, it increases the vibrations of the probe. It is recommended for processing difficult samples with volumes above 500ml.

+ AMPLIFIER



+ SPECIFIC