

REPLACEABLE TIPS

Replaceable tips are fabricated from titanium alloy Ti-6Al-4V and are autoclavable.



REPLACEABLE TIPS

	1/2" (13 mm)	3/4" (19 mm)	1" (25 mm)
PART NO.	630-0406	630-0407	630-0408
CONNECTING STUD	1/4-20	3/8-24	1/2-20

MULTI-ELEMENT PROBES

The high throughput multi-element probes increase productivity and minimize repetitive tasks by processing identically numerous samples simultaneously. They screw into the converter in place of the standard 1/2" (13 mm) probe, and can be used either manually or with automated systems. The energy delivered by each tip is uniform within 2%. With the four, eight, and twenty four-element probes, the spacing between the tips (center to center) is 22/32" (18 mm) and the length of the special microtips is 5 7/16" (139 mm). With the twelve-element probe the spacing between tips (center to center) is 1" (25 mm) and the length of the probe is 5 13/32" (113 mm). With the ninety-six element probe, spacing between the tips (center to center) is 1 1/2" (9 mm) and the length of the mini microtips is 1 1/16" (17 mm). With the four, eight and twenty four-element probes, the diameter of the special microtips is 1/8" (3 mm). With the twelve-element probe, the diameter of the probe is 1/4" (6 mm). With the ninety-six element probe the diameter of the mini microtip is 5/64" (2 mm). Multi-element probes are fabricated from titanium alloy Ti-6Al-4V and are autoclavable. Connecting stud 1/2 - 20. Available with 3/8 - 24 adapting stud to enable connection to a 20 kHz converter not manufactured by Sonics.

Note: Custom formatted multi-element probes are available upon request.

MULTI-ELEMENT PROBES

PART NO.	DESCRIPTION	ULTRASONIC PROCESSOR
630-0559	Four-element probe	500 / 750 watt
630-0660	Consists of an aluminum coupler and four 1/8" (3 mm) special microtips. Replacement microtip (250 µl – 10 ml) for four-element probe	
630-0586	Eight-element probe	500 / 750 watt
630-0660	Consists of an aluminum coupler and eight 1/8" (3 mm) special microtips. Replacement microtip (250 µl – 10 ml) for eight-element probe	
630-0646	Twelve-element probe	500 / 750 watt
630-0435	Consists of an aluminum coupler and twelve 1/4" (6 mm) probes. Replacement probe (10 – 50 ml) for twelve-element probe	
630-0579	Twenty-four-element probe*	500 / 750 watt
630-0660	Consists of an aluminum coupler and twenty-four 1/8" (3 mm) special microtips. Replacement microtip (250 µl – 10 ml) for twenty-four-element probe	
630-0611	Ninety-six-element probe*	500 watt or 750 watt
630-0599	Consists of an aluminum coupler and ninety-six 1 1/16" (17 mm) mini microtips. Replacement mini microtip (1 – 2 ml) for ninety-six-element probe	



*Not recommended for volumes smaller than 1 ml.

HEAVY DUTY MULTI-ELEMENT PROBE SUPPORT ASSEMBLY

Supports the converter and multi-element probe with minimum deflection. Recommended when working with twenty-four and ninety-six element probes. Base: 10" x 10" (254 x 254 mm). Height: 24" (610 mm). Part No. 830-00320

