



Elite Etch 7000 Specifications

Etcher Unit	Height: 300 mm (13 in) Width: 190 mm (7.5 in) Depth: 305 mm (12 in)
Bottle Assembly	Height: 254 mm (10 in) Width: 280 mm (11 in) Depth: 127 mm (5 in)
Weight	Approx. 16 kg (35 lb)
Power Source	90 to 250 VAC, 50 to 60 Hz (4 amp)
Acid temp. range	20° to 250° C
Acid temp. set point	1° C ± 1% of setting
Etch cavity (up to)	22 mm x 22 mm (30 mm diagonal)
Choice of Acids	fuming nitric acids, mixed fuming nitric and sulfuric acids, or fuming/concentrated sulfuric acid
Acid Mix Ratios	(nitric to sulfuric ratios) 9:1, 5:1, 4:1, 3:1, 2:1, 1:1
Post Etch Rinse Options	sulfuric acids, fuming nitric acids, mixed acids, or no rinse
Etch Times	1 to 1,800 seconds in 1 second increments (1 seconds to 30 minutes) dynamic (real time) adjustments of etch time
Etch Temperature Ranges	20° to 90° C (nitric acid), 20° to 250° C (sulfuric acid), 20° to 100° C (mixed acids)
Etchant Volume Selection	1 to 6 ml per minute - for all acids & acid mixes
Operator Program Storage	100 programs stored to nonvolatile memory