



Elite Etch Cu 7100 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	10° 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, 6:1, 5:1, 4:1, 7:2, 3:1, 5:2, 2:1, 3:2, 1:1, 1:2, 1:3, 1:4, 1:5
Post Etch Rinse Options	sulfuric acids, fuming nitric acids, mixed acids, or no rinse
Etch Times	1 to 2,400 seconds in 1 second increments (1 seconds to 40 minutes) dynamic (real time) adjustments of etch time
Etchant Volume Selection	1 to 8 ml per minute - for all acids & acid mixes
Etch Delivery Functions	pulsed or Reciprocal Etch Acid Pulse (REAP) for lower acid consumption
Operator Program Storage	100 programs stored to nonvolatile memory
Warranty	most comprehensive and inclusive warranty in industry (ask for full details)