



## Mega Etch 7300 Specifications

<b>Etcher Unit</b>	Height: 431 mm (17 in) Width: 330 mm (13 in) Depth: 483 mm (19 in)
<b>Bottle Assembly</b>	Height: 254 mm (10 in) Width: 280 mm (11 in) Depth: 127 mm (5 in)
<b>Weight</b>	Approx. 18 kg (40 lb)
<b>Power Source</b>	90 to 250 VAC, 50 to 60 Hz (4 amp)
<b>Acid temp. range</b>	10° to 250° C
<b>Acid temp. set point</b>	1° C ± 1% of setting
<b>Etch cavity (up to)</b>	22 mm x 22 mm (30 mm diagonal) for any packages mounted on or off a PCB. Maximum board size is 152.5 x 152.5 mm (6 x 6 in)
<b>Choice of Acids</b>	fuming nitric acids, mixed fuming nitric and sulfuric acids, or fuming/concentrated sulfuric acid
<b>Acid Mix Ratios</b>	(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
<b>Post Etch Rinse Options</b>	sulfuric acids, fuming nitric acids, mixed acids, or no rinse
<b>Etch Times</b>	1 to 2,400 seconds in 1 second increments (1 seconds to 40 minutes) dynamic (real time) adjustments of etch time
<b>Etch Modalities</b>	Pulse Etch, Reciprocal Etch Acid Pulse (REAP)
<b>Temperature Ranges</b>	20° to 90° C (nitric acid), 20° to 250° C (sulfuric acid), 10° to 100° C (mixed acids)
<b>Etchant Volume Selection</b>	1 to 8 ml per minute - for all acids & acid mixes at a temperature above 100° C
<b>Operator Program Storage</b>	100 programs stored to nonvolatile memory
<b>Ambient Temperature Range</b>	15° to 26° C
<b>Warranty</b>	most comprehensive and inclusive warranty in industry (ask for full details)