

## Excellent Integrated System Limited

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# Prototyping : Etching Kits

## Premium Etching Kit 416-E

- Etch copper clad circuits professionally
- Accommodates two 8" x 12" double-sided copper clad boards



### Contains:

- 7 litre capacity heavy-duty polyethylene etching tank
- Sturdy mounting bracket
- Clear acrylic lid
- Heavy duty air pump
- Sparging unit with 3 way adjustable air manifold
- Requires a minimum of 7 liters of etching solution: 415-4L, 410-1KG, or 4101-1KG.

### Available Sizes

<b>416E</b>	Catalog No. 416-E	Format Kit
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## Etching Process Kit - Student 416-ES

- Etch copper clad circuits professionally
- Accommodates two 8"x 9" double sided copper clad boards



Ideal for students and hobbyists. An inexpensive etching system with professional quality output.

### Contains:

- 5 liter heavy duty polyethylene etching tank
- Air pump and tubing
- Sparging unit
- Bag of vinyl gloves
- Complete instructions

Also requires a minimum of 4 liters of Ferric Chloride (Cat# 415-4L). There must be enough Ferric Chloride to completely cover your board.

**Do not dilute ferric chloride with water.**



### Available Sizes

<b>416ES</b>	Catalog No. 416-ES	Format Kit
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## Replacement Parts

### Replacement Parts

Catalog Number	Quantity	Description
416-AP	1	Air pump <i>Replacement Air Pump for the 416-E Professional Etching Kit</i>
416-AT	1	Tubing <i>Replacement Air Tubing for the 416-E Professional Etching Kit</i>
416-B	1	Bulb <i>The 416B is a direct replacement bulb for the 416-X Exposure Kit.</i>
416-D	1	Hose <i>Replacement part for the 416-E Professional Etching Kit</i>
416-G	10 pack	Gloves <i>Vinyl Gloves - Excellent for use with all corrosive chemicals.</i>
416-H	1	Heater <i>200 watt side mounting immersion heater with quartz element and adjustable temperature control. Replacement part for the 416-E Professional Etching Kit.</i>