



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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

416E	Catalog No.	Format
	416-E	Kit

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>

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

416ES	Catalog No.	Format
	416-ES	Kit