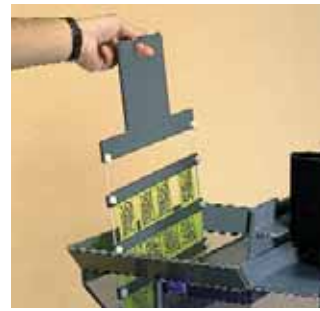
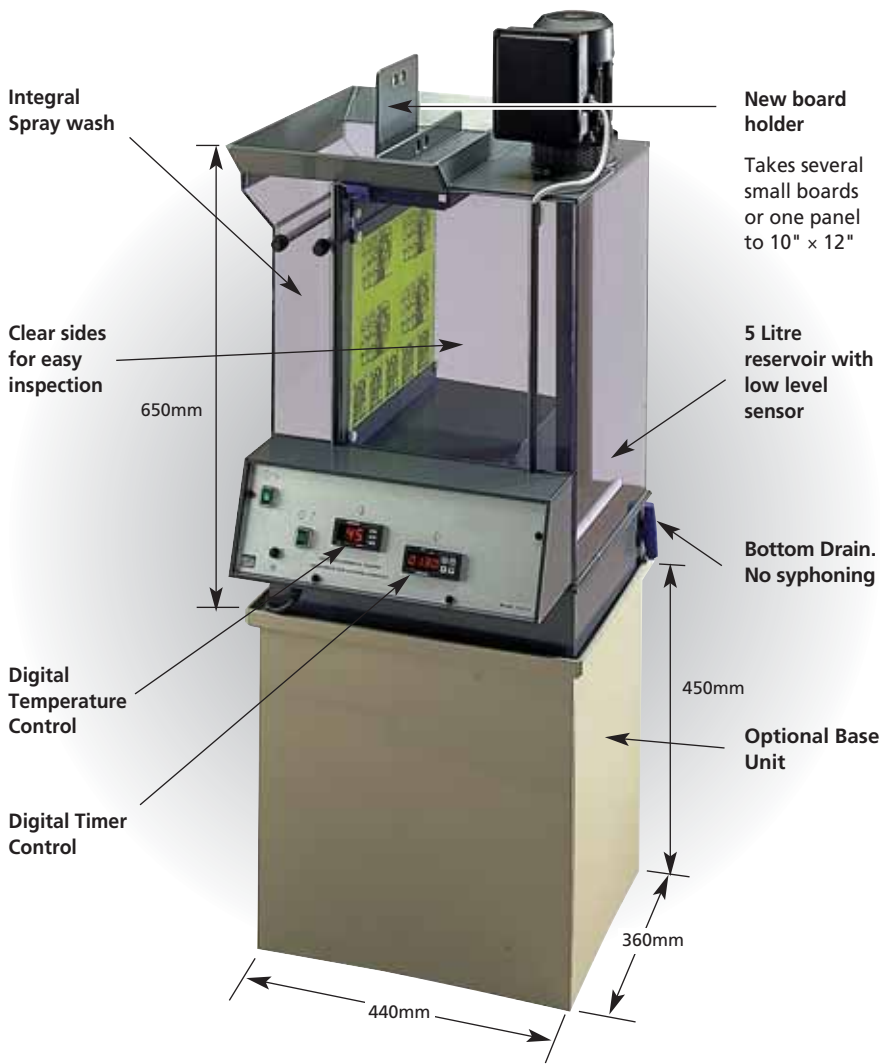


**ROTA-SPRAY** The Rota-Spray Processor has many advanced features making an ideal upgrade from a Bubble Etch Tank.



## PCB PROCESSING EQUIPMENT ROTA-SPRAY

Fast and efficient etching and developing with the Rota-Spray Processor

The Rota-Spray etches 1oz (35  $\mu\text{m}$ ) PCBs with Ferric Chloride in less than 90 seconds which is 3-4 times faster than a Bubble Etch Tank. The motor rotates a hollow column up which the etching solution is drawn, before being sprayed out at the panel via a number of predrilled holes in the column. The unit will spray one side of a panel at a time. The board holder can then be rotated 180° to process the second side. The Rota-Spray has a 10" x 12" (254 x 305 mm) board capacity and the new board holder will take a number of multiple small boards, or one large board. The low profile design of the board holder means less processing chemical collects on it keeping processing cleaner. The Rota-Spray features a digital timer which controls the processing time. Another benefit is that as the board is not immersed in liquid, there is no over-processing after completion, this makes over-etching very difficult. Another digital control module sets the temperature accurately. The Rota-Spray has a transparent case design which means panels can be examined after processing without the operator having to remove them. Next to the etch chamber is an integral spray wash tank, fitted with adjustable spray bars, that washes the entire board holder to keep the whole etching process clean. As well as an etching unit the Rota-Spray can be used to develop photoresists. The etch chamber has a bottom drain with secure fastening so no syphoning is necessary when the etching solution needs replacing. At the top of the unit there is a splash hopper which helps to contain chemistry to aid clean processing and a safety cut-out on lid cuts off the motor if lid is raised during etching. An optional Base Unit is available which places the top of the processing tank at an efficient working height of 110cm.

Liquid Ferric Chloride is recommend for use with the Rota-Spray. See 600-015 on page 32.

Order Code	Price
500-702	Rota-Spray Processor Model
500-707	Rota-Spray Base Unit

### Testimonials from customers of the Rota-Spray

*After years of using the etch tanks, we bought a Rota-Spray. The Rota-Spray has brought etching into the 21st century. It's quicker, cleaner and more efficient, producing an industry standard result without spending a lot of time or money.*

*The Rota-Spray etch/developer system is a major, low-cost breakthrough for the production of PCBs in schools. It is quick, clean and produces excellent quality PCBs. The temperature and processing times can be set accurately through digital controllers, which greatly improves quality control. Being able to examine the PCBs without removing them from the Rota-Spray is an added bonus. It is one of the best pieces of equipment the school has purchased for many years.*

*The Rota-Spray we recently purchased from Mega Electronics has resulted in the manufacture of high quality PCBs in a much faster time than we were previously able to achieve. It's simple and safe and easy to use by students and has drastically reduced the amount of mess made during manufacturing PCBs. A great investment for any department manufacturing PCBs.*