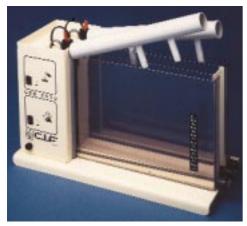
ETCHING MACHINES 3 TANKS: DEVELOPMENT / RINSE / ETCHING - GR SERIE



Two models which allows etching, cleaning and developing in a single unit with 3 tanks. A complete clear tank arrangement of 100% welded PVC. Rigid, stable and compact units supplied with two thermostatic controlled heating elements and two air bubble pumps. The Serie GR units allow you to deve-

lop prototypes or other to be etched materials in combination with a rinsing tank for DI-water.

- 3 tanks : development etching rinsing
- 2 pumps and 2 heaters per machine
- I emptying tap by tank
- Easy to use



GR 2030 Model DP 36 Reference

Working area 200 x 300 mm Dimensions (LxWxH) 500 x 220 x 320 mm Tank capacity - Development 2.2 litres - Etching 2.2 litres 3 litres - Rinsing 5,5 Kg Net weight

140 Watts

230 V - 50/60 Hz

GR 2434 Model Reference **DP 37**

Working area 240 x 340 mm Dimensions (LxWxH) 555 x 220 x 355 mm Tank capacity - Development 3 litres - Etching 3 litres - Rinsing 3 litres Net weight 6 Kg 140 Watts Power 230 V - 50/60 Hz Electrical supply

Options

Power

Flectrical supply

PCB' holder with polyethylene clip (10 pcs) DCP 47

SPRAY ETCHING MACHINES - GIROJET SERIE



The most economic systems for laboratories as a spray etching unit will give a 2 minute processing cycle when using Ferric Chloride at 30°C. We have been able to create a compact unit, which is able to realise top industrial etching quality for small volume batches. The GIROJET series offers you spray etching in a machine with ease of installation

One side model - GIROJET I Double sided model - GIROJET 2

- Compact
- **Economical**
- Built-in Heater
- Fast: Etching time 2 minutes with Ferric Chloride at 30°C

Model Girojet I Reference DP 8 Working area 200 x 300 mm Etching I side Tank capacity 8 litres Dimensions (LxWxH) 235x500x460mm Net weight 8 Kg 230 V - 50/60 Hz Electrical supply

Girojet 2 Model Reference DP9 Working area 200 x 300 mm 2 sides Etching 8 litres Tank capacity Dimensions (LxWxH) 235x500x460mm Net weight 8 Kg 230 V - 50/60 Hz Electrical supply

Options

Multi PCB' holder GIROJET I DP 2 Multi PCB' holder GIROIFT 2 DP 12

SPRAY ETCHING MACHINES WITH RINSING CHAMBER - GIROJET R SERIE



A vertical etching machine with a clean spray working process for continuous etching and rinsing. The spray nozzles, with flat spray, are arranged at both sides of the board. The boards are transported through the machine by non marking rotating wheels. The housing is fully constructed of non-corrosive welded PVC

2 models are available:

- The Girojet R3 with a working area of 300 \times 300 mm
- -The Girojet R4 with a working area of 300 x 400 mm
- Double sided models
- Rinsing tank
- **Etching time with Ferric Chloride:** 2 minutes at 30°C
- Built-in heater



Working area 300 x 300 mm Tank capacity 15 litres Dimensions (LxWxH) 790 x 540 x 300mm Net weight 21 Kg Electrical supply 230 V - 50/60 Hz

Girojet R4 Model Reference DP II

Working area 300 x 400 mm Tank capacity 15 litres 790 x 540 x 300mm Dimensions (LxWxH) Net weight 21 Kg 230 V - 50/60 Hz Electrical supply

Options

DCP 150 Emptying pipe (I m) DCP 152 Water inlet (I m) Emptying etching chamber pipe (I m) DCP 152 Multi PCB' holder



