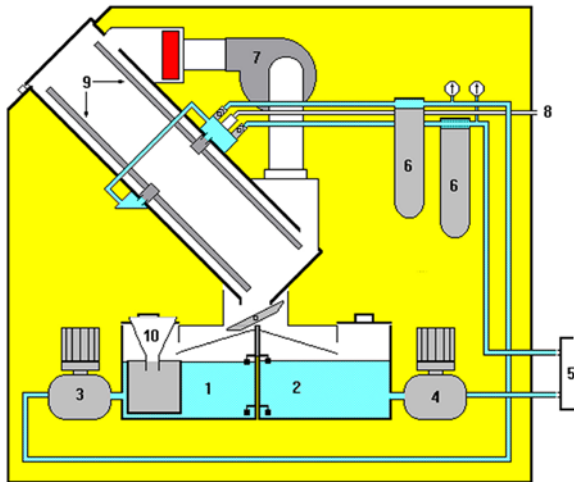


SC1000 TECHNICAL DATA	
Overall dimensions (l x w x h)	1450 x 1180 x 1400mm
Stencil size (max)	1000 x 1000mm
Cycle time (approx)	15 min
Reservoir capacity 1 (Wash) and 2 (Rinse)	Wash - 62 litres and Rinse - 43 litres
Filtration	2 x 20" 10 micron disposable cartridges
Electrical supply	415V 3 phase N&E 20A per phase
Factory air	5 bar
Water supply	Town / DI water supply; drain services
DI water treatment	Option available
Cleaning tank and reservoirs	304 stainless steel
Pipework	Polypropylene / stainless steel
Framework and panels	Mild steel
Paint, durable fine texture	Acrylic RAL 7035 and 7037 grey



KEY TO SCHEMATIC	
1 Wash reservoir	6 Large capacity filters
2 Rinse reservoir	7 Air dryer fan
3 Cleaning pump	8 Air purge inlet
4 Rinsing pump	9 Motorised spray rotors
5 Water treatment	10 Filling funnel



**GUYSON SC1000**  
**STENCIL AND MISPRINTED PCB CLEANER**

The SC1000 cleans SMD stencils and misprinted PCBs to the highest standards with minimal operator intervention.

The operator simply places the stencil inside the cleaning chamber, selects from up to eight programs to suit the application, closes the interlocking lid and presses the 'Start Cycle' button.

The system uses an organic water-based non-VOC cleaning agent which is non-flammable and has very low toxicity. The process removes organic and ionic contamination, meeting the demanding cleanliness specifications, including solder paste and particulate (solder ball and other), of leading global PCB manufacturers and subcontractors.

The SC1000 takes stencils or multiple misprinted PCBs to a maximum area of 1000 x 1000mm.

- Superb cleaning performance
- Fully automatic operation with PLC based controls
- Push button program selection
- Safe and economic aqueous chemistry
- Closed loop operation to minimise waste effluent

**CLEANING CYCLE**

- Motorised rotating spray jets are pump pressurised from Reservoir 1 at up to 60 litres per minute and 4 bar pressure.
- The motorised rotating spray jets are then purged with compressed air to remove gross cleaning fluid residues from the stencil and cleaning chamber.
- Rotating spray jets provide rinsing with DI water from Reservoir 2, also at up to 60 litres per minute and 4 bar.
- Air purging is repeated.
- The stencil is then dried using fan recirculated warm air.



FM 38758  
ISO 9001:2000

**SC1000**



Modifications and improvements to Guyson machines are introduced from time to time as a direct result of our policy of continuous development. Consequently all designs and specifications quoted must be regarded as subject to change. Please refer to quotation.

Ref: SC1000 06/08

