

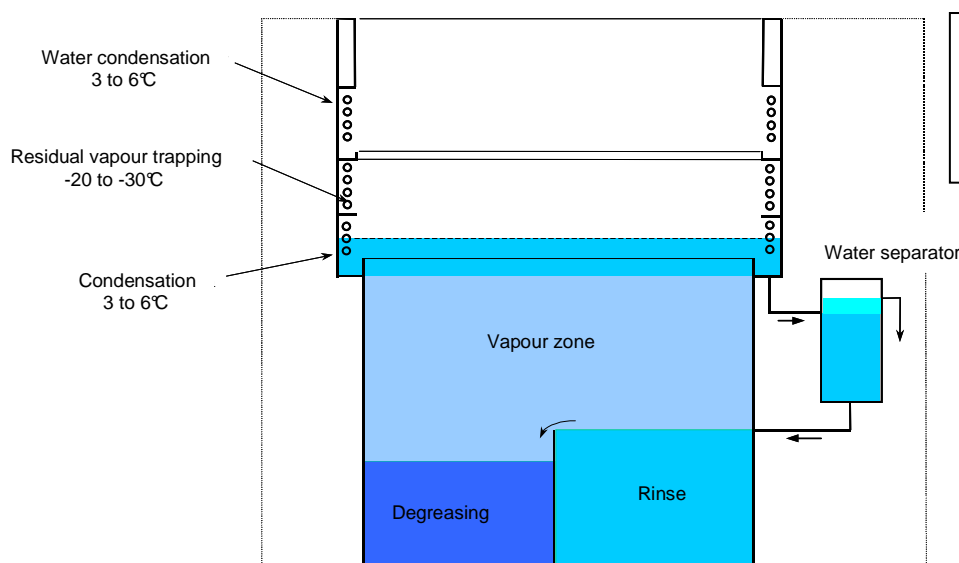
MACHINE FILE - UHF

This is a precision cleaning process utilising fluorinated solvents (replacements for 141b) in open tanks compatible with operating and environmental legislation.

Applications :

Removal of oil, grease, particles, polishing contamination, silicon, moulding products ...
Defluxing of electrical components
Elimination of particle contamination in a white room environment

Principal of operation :



Standard cleaning cycle :

- 1) Degrease / cleaning
- 2) Immersion + US rinsing
- 3) Vapour phase rinsing
- 4) Drying



U2HF 15 machine with automatic cover



U2HF60 machine with robot and load/unload conveyors

TECHNICAL FILE - UHF**Machine characteristics :**

	U2HF 15	U2HF 30	U2HF 60
Tank volume (litres)	15	30	60
Basket dimensions (mm)	300 x 250 x 200	400 x 300 x 250	500 x 350 x 300
Tank dimensions (mm)	300 x 250 x 200	400 x 300 x 250	500 x 350 x 300
Machine dimensions * (mm)	1500 x 800 x 1050	2100 x 950 x 1200	2400 x 1000 x 1500
Maximum charge load (kg)			
Maximum solvent volume (litres)			
Cycle time (cycles/hour)	12-15	12-15	10-12
Distillation power rating (kW)	1,5	3	6
Overall power rating (kW)	4,5	8	12,5

* excluding conveyor and electrical cabinet

Standard equipment :

Electrical heating, temperature control with digital display
Tank construction – stainless steel (AISI 316 L), deburred after welding
Machine frame – profiled semi-hardened steel, anti-rust paint colour: grey (RAL 7037), adjustable feet
Cover panels – steel sheeting, epoxy paint, colour: grey (RAL 7035)
Water separator
Automatic protections: vapour control, distillation level, pollution control

Options :

Additional rinsing tanks, diamond point tanks
Ultrasonic agitation – frequency 25 – 40kHz
Automatic load and unload from a conveyor system
Automatic tank covers
Baskets
Tank filtering
Water cooling chiller unit
PLC controller - supplier: Télémécanique (Siemens or Allen Bradley if requested)
Process parameter display on XBT-GT screen

Electrical supply :

400 volts tri-phase + Neutral + Earth, see table for power rating

Sound level :

Estimated: 80 dBA (dependent upon options)

Safety standards :

Manufactured according to European Directive CEE 89392 (14/06/89) and standards 92765-92766-92767 (29/07/92)
CE marking