



ACID ETCH



Benefits

- Dedicated to HF, KOH, BHF, HNO₃
- Chemical reclaim integrated
- Mechanical or flow agitation
- HMI operation and recipe management

Secured

- Compliant with all majors Standard CE, ATEX
- SEMI S2 EPO switch
- Exhaust monitor with audio alarm interlocked with EPO
- Operator protected by clear sliding shield
- Plenum liquid sensor interlocked

Substrates

- Si, SiC, GaN, GaAs, Sapphire, Quartz
- Up to 12'' or square shape

Optimized cost

- Budget < 60 K€ for basic configuration
- Low CoC with reduced chemical consumption
- Optimized foot print in clean room area

Chemical management

- Removed or back side CDS
- Automatic filing and purging
- Waste chemical management integrated
- Chemical recirculation and filtration system
- In line concentration monitoring

PLC controlled with touch display

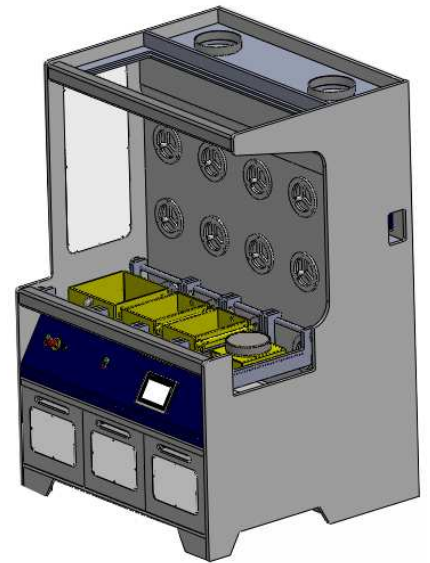
- Recipe automatic sequence
- Temperature bath setting
- Bath timer
- Chemical flow and pressure adjustment
- Level sensor





Highlights

- Modular design
- Optimized foot print
- Easy access from grey area
- Easy installation, hook up and start up
- Bath ircular or rectangular-shaped
- Dedicated tooling for substrate handling
- Wafer supporting
 - vertical, horizontal or tilted
 - 3 points contact
- Connectable to chemical management system, feed and bleed. (EVO Dis 1000)



Manuel Wet Process Acid Stations application and options

Options

- spray gun DIW/N2
- In line concentration monitoring
- material PP, FM4910, Quartz, PVDF
- QDR, Ultrasonic
- Blender
- Premix tank
- Data logging
- Mechanical agitator
- Bar code reader

Applications

- Semi-conductor
- Sensor
- Bio
- MEMS
- Solar
- Avionic
- Watch making
- Thin films

