



S.P.M. s.r.l.

Sunnyvale Model

HYBRID SYSTEM FOR LPE 3061 CHAMBER and
SHILED, ASM CHAMBER & QUARTZWARE
CLEANING

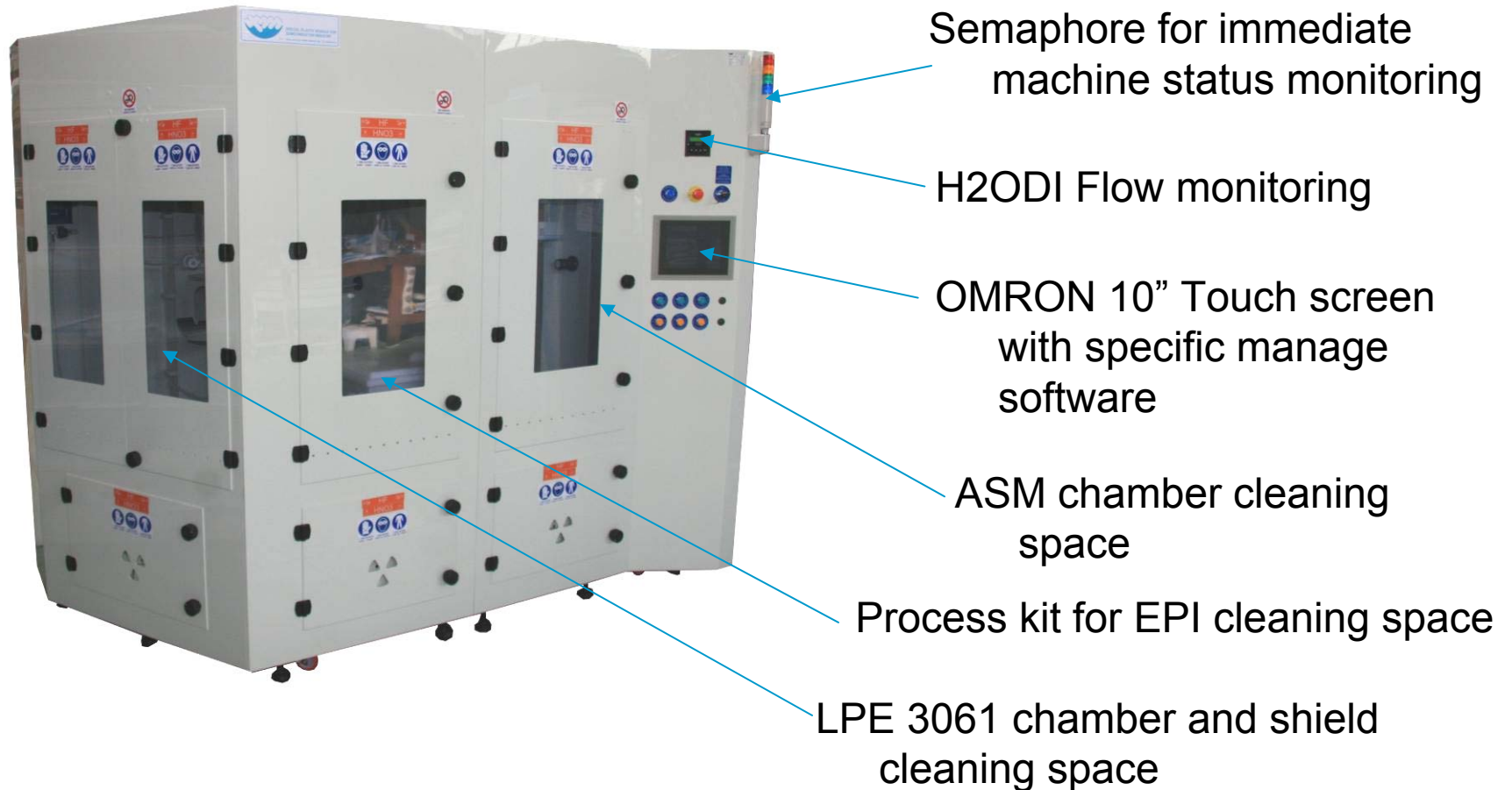


Sunnyvale Model



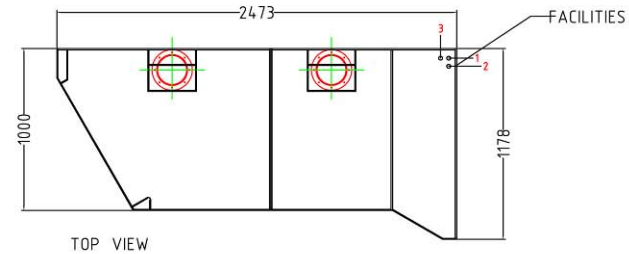
SUNNYVALE MODEL

HYBRID SYSTEM FOR LPE 3061 CHAMBER AND SHIELD, ASM CHAMBER AND PROCESS KIT CLEANING

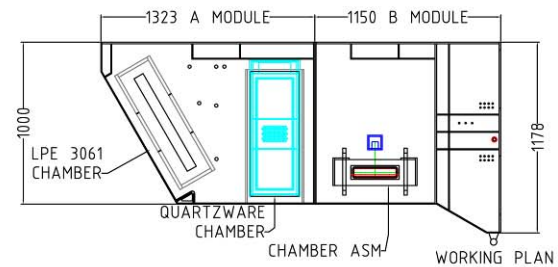
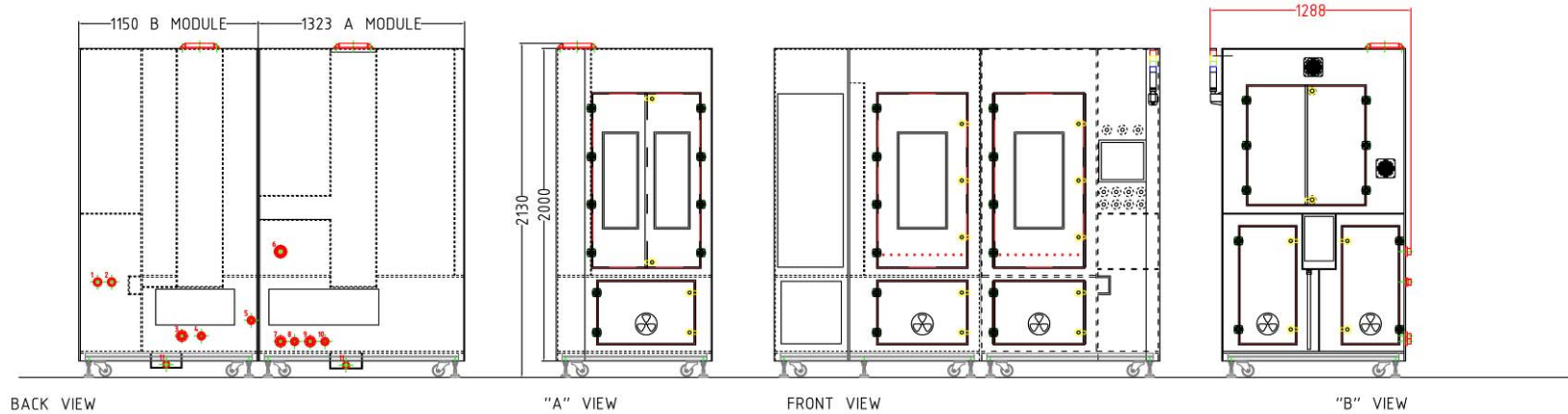




SUNNYVALE MODEL



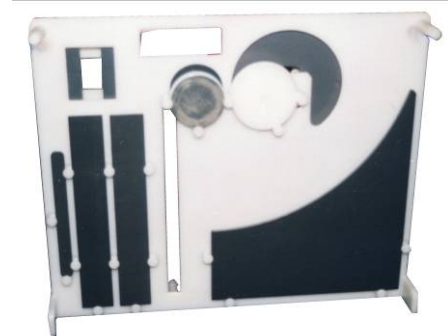
TOP VIEW





SUNNYVALE MODEL

The Sunnyvale Model can clean:



Process kit Holder

LPE 3061 Quartz chamber and shield , ASM chamber and Process kit for EPI with special parts holder



SUNNYVALE MODEL

LPE 3061 chamber cleaning space



Top automatic sealing flange with PTFE special atomizing nozzles



Bottom flange with PTFE nozzles



LED light



Chamber presence sensor



Exhaust extracion



SUNNYVALE MODEL

ASM chamber cleaning space



*Top automatic sealing flange with PTFE
special atomizing nozzles*



Bottom flange with PTFE nozzles



Doors locking system



*Exhaust extracion -
Chamber presence sensor*





SUNNYVALE MODEL

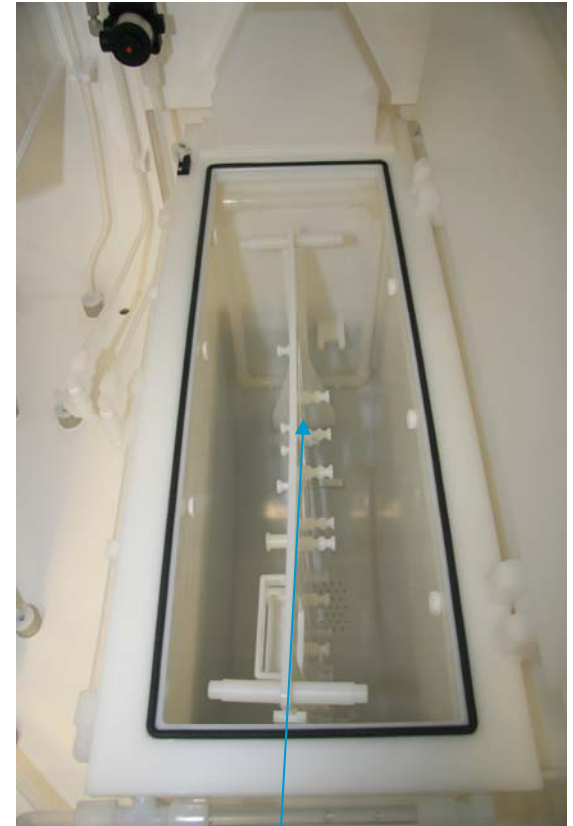
Quartzware cleaning space



HI density PE tank
with manual cover



Special support for
holder



Specific holder for
small parts



SUNNYVALE MODEL

Equipped with (main component):

Accurate inline chemicals dosing system for solution preparation



N2 and H2ODI heat exchangers for rinsing and drying



Chemicals Mixing tank with PTFE pneumatic pump for solution inlet into chamber





SUNNYVALE MODEL

Equipped with (main component):

Hydric parts



*Metal free valves, PFA pipings with
flaretek connections, PTFE
pneumatic pumps and PTFE
capacitive sensors.*



SUNNYVALE MODEL

Equipped with (main component):

Chemical filling



Filling system from bottle
(model without CDS filling)

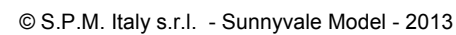
OR



Internal day tank
(model with chemical
filling from CDS)

CDS: Chemical Delivery System. We can supply also this equipment.

© S.P.M. Italy s.r.l. - Sunnyvale Model - 2013





Accessories:

Process kit holder

Holder for small parts support LPE 3061 chamber

Trolley

Special Trolley for LPE 3061 and ASM chamber + parts,
in white PPS or FM approved material

Chamber for shielded parts

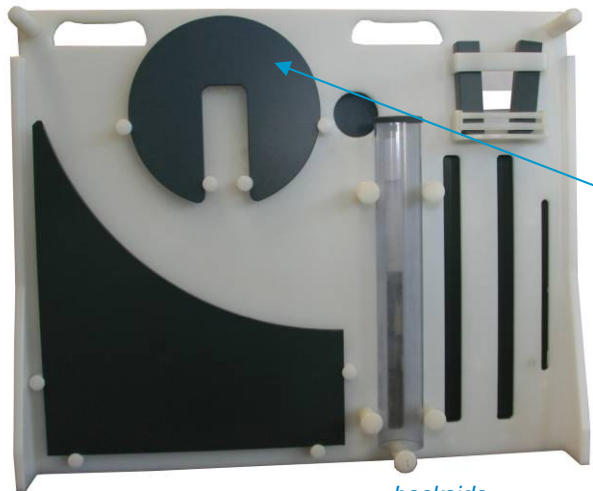
Special chamber for shield cleaning in HD PE material



PROCESS KIT HOLDER



Specific design for
small parts support.



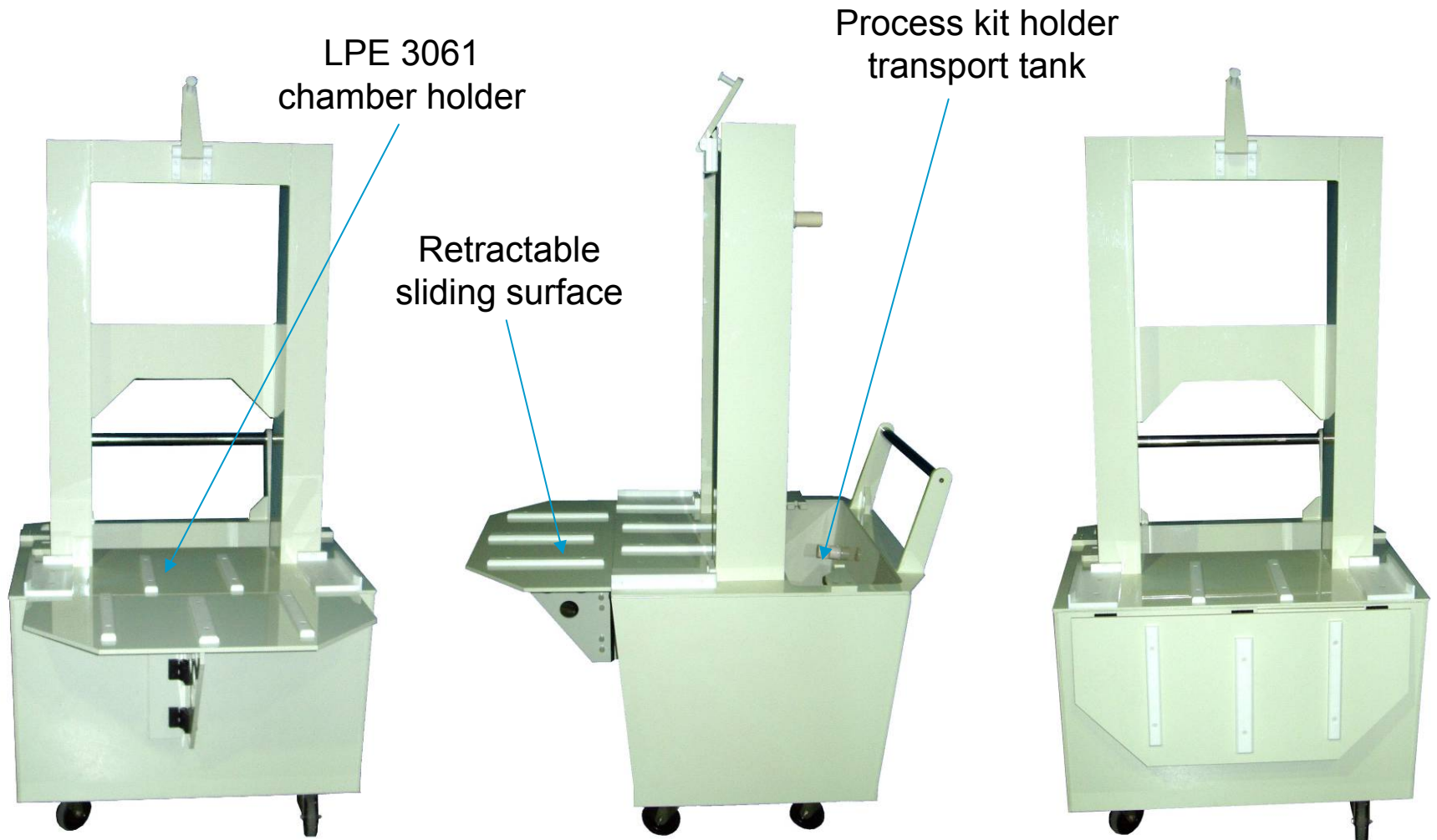
Simulation of quartz
small parts



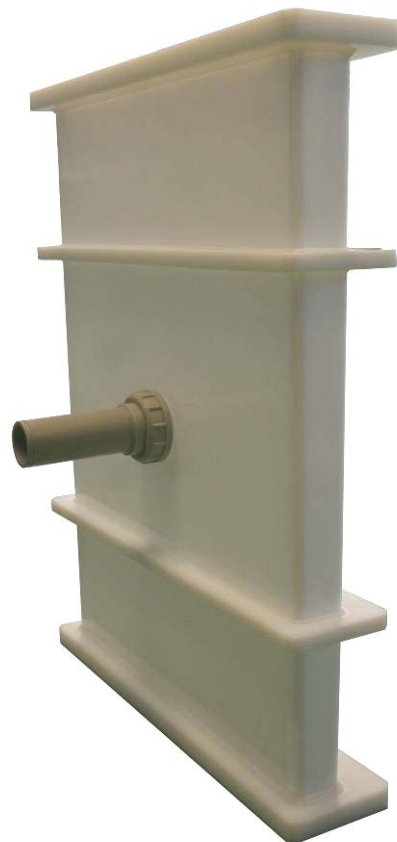
Inside the process
kit tank



TROLLEY



CHAMBER FOR SHIELDED PARTS



Specific space for
shielded parts
cleaning

This special
chamber fit on the
LPE3061 cleaning
space

