



## H e a d q u a r t e r

Address Via dei Pioppi,12 20090 OPERA MI

Phone: +39.02.57.60.48.41

Fax +39.02.57.60.44.08

e-mail [info@proclea.com](mailto:info@proclea.com)

website [www.proclea.com](http://www.proclea.com)

## C o n t a c t s

Sales : [corrado.colombo@proclea.net](mailto:corrado.colombo@proclea.net)

[riccardo.bianchedi@proclea.net](mailto:riccardo.bianchedi@proclea.net)

Technical : [federico.colombo@proclea.net](mailto:federico.colombo@proclea.net)



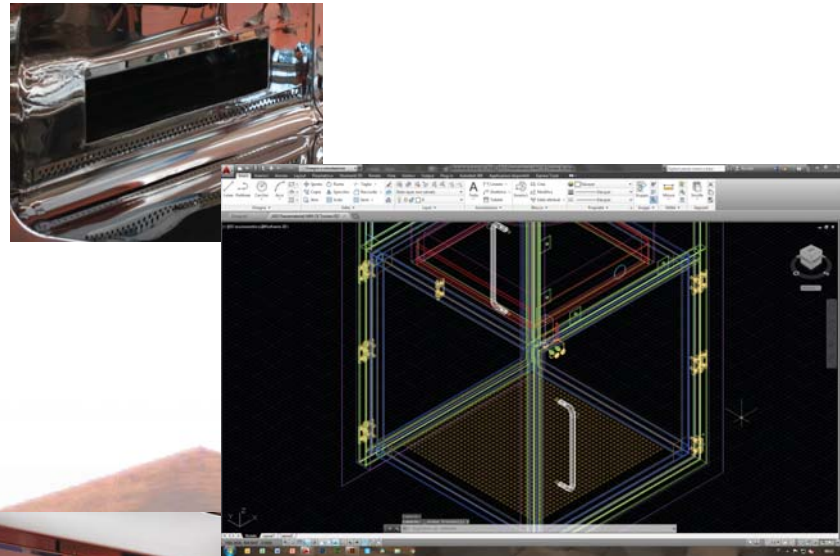
ENGINEERING PRODUCTION  
**PROClea**

DECONTAMINATION PASS BOX

**Pass boxes (PB) and Hydrogen Peroxide Decontamination Pass boxes (DPB) are at the glance in the Pharmaceutical and Biotech today industries.**

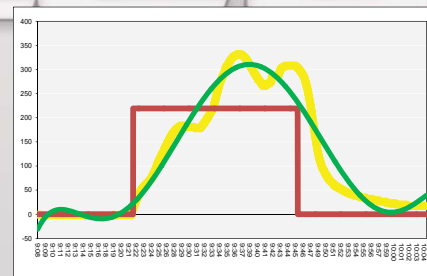
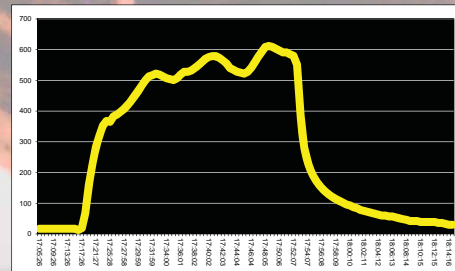
**DESIGN AND SUPPLY**

Proclea is able to design and supply customized equipment, supporting the Customer requirements with the most up-to-dated technologies. No limits in size and arrangement can be imposed in our design and realization capability, both



**DECONTAMINATION CYCLE AND OPTIMIZATION**

Proclea owns an unmatched experience in the design and application of Hydrogen Peroxide Vapors generators, commercialized with the brand name of TDP®. This allows Proclea to effectively support the Customer in the definition and optimization of the decontamination cycles for the DPBs, offering patented solution able to shorten purge time, achieving the most restrictive short term TLVs (we experienced with up to 0,3 ppm of residual concentration after the purge....) and applying sophisticated techniques to define the actual Log reduction ratio for a specific load.



**INSTALLATION AND AFTER SALES SUPPORT**

A worldwide diffused support organization is able to play an effective and efficient installation and after sales support to our Customers.



**DOCUMENTATION AND QUALIFICATION SUPPORT**

Supply of the DPBs and PBs is completed with the capability of Proclea to produce a full set of documentation for the equipment life cycle, all developed by the Proclea internal personnel: DQ, FDS, FAT/SAT, IQ, OQ and PQ protocols draft and test execution are in the Proclea's historical heritage.

**FEATURES TABLE**

*In the next table, the main features of the Proclea pass boxes PB and DPB*

Pass box type	PB-S	PB-L	DPB-S	DPB-L	DPB-X
<b>Category</b>	Static	Dynamic	Static	Dynamic	Dynamic
<b>Airflow</b>	No	Laminar	For purge	Laminar and for purge	Laminar and for purge
<b>Class ISO14644</b>	NA	4,8	4,8 during purge	4,8	4,8
<b>Decontamination</b>	NA	Laminar Airflow	HPV (Hydrogen Peroxide Vapors)	HPV (Hydrogen Peroxide Vapors)	Custom
<b>Doors</b>	2, interlocked	2, interlocked	2, interlocked	2, interlocked	2, interlocked
<b>Airtight gaskets</b>	Static	Static	Pneumatic	Pneumatic	Pneumatic
<b>Traffic lights</b>	LED	On touch screen	On touch screen	On touch screen	On touch screen
<b>Control type</b>	Push buttons	PLC	PC-PLC	PC-PLC	PC-PLC
<b>UV lamps</b>	Optional	Optional	No	No	No
<b>HPV generator embedded</b>	No	No	Yes	Yes	Yes
<b>Chamber size</b>	From 0,1 to 12 m <sup>3</sup>	From 0,15 to 12 m <sup>3</sup>	From 0,5 to 12 m <sup>3</sup>	From 0,5 to 12 m <sup>3</sup>	From 0,5 to 12 m <sup>3</sup>