cod.17972

AD Oracle SA iQ

LASER

The complete, compact, global solution for high performance laser fume extraction system.

Introducing BOFA's most technically advanced compact laser fume extractor. The AD Oracle SA iQ has been enhanced with BOFA's iQ Operating System, RFA and ACF technology and packs a powerful range of unique features into one compact unit.

The iQ Operating System performs at two distinct levels: Operators benefit from the ease of operation and clarity of real time information and the system provides a cache of analytical data, enabling users to download performance and operating parameters for evaluation purposes.

The iQ system takes performance and safety parameters to a new level and ensures that maintenance downtime and ownership costs are kept to a minimum.

Technology

Intelligent (iQ) Operating System	**HEPA filter**	**Automatic flow control (AFC) technology**	**Reverse flow air (RFA) technology**	**Advanced carbon filter (ACF) technology**	**Multi voltage sensing (MVS) unit**

Patented technology	**ProTECT service plan**	**SureCHECK quality standard**

Key features of the AD Oracle SA iQ

iQ operating system
Standard

Automatic Flow Control
Standard

Reverse flow air filter technology (RFA)
Standard

Advanced carbon filter technology (ACF)
Standard

Auto sensing voltage (90v - 257v) - For global use
Standard

High contrast display
Standard

Maxder Group S.r.l.
Via Bizet 34-36 20092 Cinisello Balsamo (MI)
Tel:026600703   www.maxder.com
email: sell@maxder.it

Real time airflow reading Standard	**Independent filter condition monitoring** Standard
'Run safe' operation Standard	**Remote diagnostics via USB** Standard
Low cost replacement filters Standard	**HEPA and Gas combined filter** Standard
Low noise levels Standard	**Lockable castors** Standard
Small footprint Standard	**VOC gas sensor (Volatile Organic Compound)** Optional
Interfacing with host laser Optional	**Remote stop / start interface** Optional
Filter change / System fail signal Optional	**Optional filter medias** Optional

Technical specification

1. iQ Display

2. On/off switch

3. Power cable

4. Signal / interface cable

5. Door latches

6. Hose inlet connection - 75mm

7. Exhaust outlet

8. Motor cooling inlet

9. Door hinges

10. Standby button

Airflow through filters

■ Chemical filter

▨ HEPA filter

■ Pre filter

◤ Clean air

◤ Contaminated air

⋰ Particulate

Small particulate is held in the HEPA filter

Large and medium sized particulate is held in the pre filter media
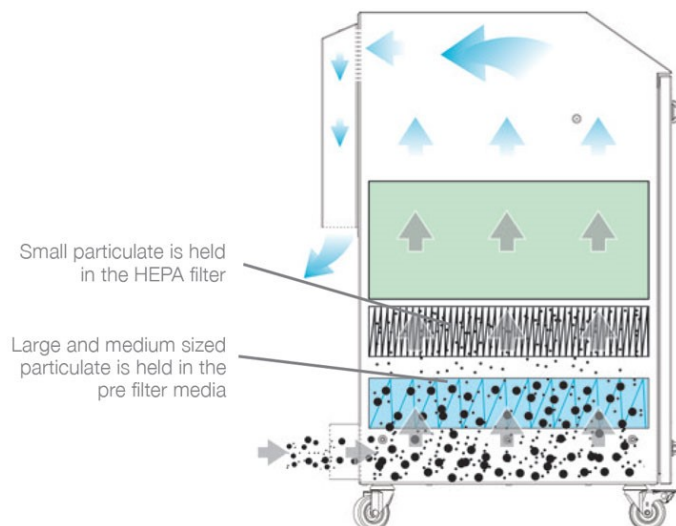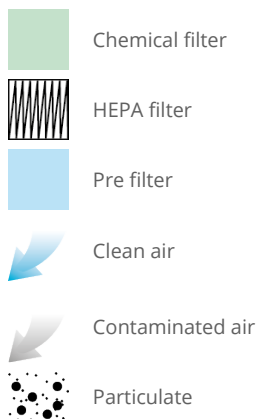
Technical data

	EU	US
Dimensions (HxWxD)	745 x 450 x 515 mm	29.33 x 17.72 x 20.28"
Cabinet construction	Brushed stainless steel / Powder coated mild steel	Brushed stainless steel / Powder coated mild steel
Airflow / Pressure	380m³/hr / 96mbar	223cfm / 96mbar
Electrical data	90 - 257v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw	90 - 257v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw
Noise level	< 60dBA (at typical operating speed)	< 60dBA (at typical operating speed)
Weight	58kg	128lbs
Approvals	CE	cUL, UL

Pre filter specifications

Surface media area	3.15m² approx (33.894 ft²)
Filter media	Glass fibre
Filter media construction	Folded pleat
Filter housing	Cardboard
Filter efficiency	95% @ 0.9 microns

Combined filter specifications

HEPA filter media	Glass fibre
HEPA media construction	Maxi pleat construction with webbing spacers
Filter housing	Zintec mild steel
Treated activated carbon	15kgs (33 lbs)
Filter efficiency	99.997% @ 0.3 microns

Part numbers

Model	Voltage	Part No.	24V Stop/Start	Filter change / System failure signal	VOC monitoring	Hose kit
AD Oracle SA iQ Stainless Steel	90V - 257V	L2374	A2001	A2002	A2003	A1020008
AD Oracle SA iQ Powder Coated	90V - 257V	L2364	A2001	A2002	A2003	A1020008

Replacement filters

Model	Pre filter	Combined filter
AD Oracle SA iQ	A1030344	A1030155

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