

DOMESTIC & COMMERCIAL UV

PALLAS LCD² RANGE

DESCRIPTION

All products are made in Italy to ISO 9001 quality standards. Sita units are WRAS approved. The standard LCD range consists out of a stainless steel chamber (304 or 316), and a control panel with an LCD display, alarm contacts & two meters: total life of system meter and a countdown of lamp life. The PLUS version has a UV intensity meter (or temperature meter) and a high temperature shut down.



ON DEMAND

- 4-20 mA outlet
- Remote shutdown system (24V)
- Ö-Norm / DVGW approved sensor
- Audio alarm



LCD² (PLUS)

Electrical Panel	LCD ²	LCD ² Plus
Protection degree	IP 55	IP 55
LCD2 Display (microprocessor control)	✓	✓
Total hour-meter	✓	✓
Resettable count down hour-meter	✓	✓
Alarm red led	✓	✓
Alarm relay Free Contact NO / NC	✓	✓
Alarm relay 230 V NO / NC outlet – 2 A max	✓	✓
On/Off Timer	✓	✓
Remote On/Off contact	✓	✓
Display of Irradiation /temperature control	✗	✓
Shutdown for high temperature UV chamber	✗	✓
4/20 mA output	✗	✓ (optional)
Electrical plug	schuko / UK / no plug	

DOMESTIC & COMMERCIAL UV

DOMESTIC RANGE

Reference	Watt	Max Flow Rate	Conn.	Length	€
1306.UV107	1 x 12	5 l/min	1/8" F	267	
1306.UV403	1 x 16	10 l/min	1/2" M	394	
1306.UV405-AL2	1 x 30	20 l/min	3/4" M	524	
1306.UV405LCD ²	1 x 30	20 l/min	3/4" M	524	
1306.UV405LCD ² +	1 x 30	20 l/min	3/4" M	524	
1306.UV405C-AL2	1 x 35	30 l/min	3/4" M	674	
1306.UV405CLCD ²	1 x 33	30 l/min	3/4" M	674	
1306.UV405CLCD ² +	1 x 33	30 l/min	3/4" M	674	
1306.UV412AL2	1 x 40	45 l/min	1" M	925	
1306.UV412LCD ²	1 x 40	45 l/min	1" M	925	
1306.UV412LCD ² +	1 x 40	45 l/min	1" M	925	
1306.UV440AL2	1 x 40	60 l/min	1.5" M	880	
1306.UV440LCD ²	1 x 40	60 l/min	1 1/2" M	880	
1306.UV440LCD ² +	1 x 40	60 l/min	1 1/2" M	880	
1306.UV450LCD ²	2 x 40	75 l/min	1" M	925	
1306.UV450LCD ² +	2 x 40	75 l/min	1" M	925	
1306.UV480LCD ²	1 x 80	85 l/min	1 1/2" M	880	
1306.UV480LCD ² +	1 x 80	85 l/min	1 1/2" M	880	
1306.UV550LCD ²	2 x 40	100 l/min	1 1/2" M	985	
1306.UV550LCD ² +	2 x 40	100 l/min	1 1/2" M	985	
1306.UV80/2LCD ²	2 x 80	200 l/min	1 1/2" M	985	
1306.UV80/2LCD ² +	2 x 80	200 l/min	1 1/2" M	985	

Life Span Lamps: 9000 hours

SEMI-INDUSTRIAL UV

DESCRIPTION

The UV RACK LCD series features a low pressure 80W lamp as well as a control panel with microprocessor. These are ideal for private water, industrial, beverage and food industries.

All products are made in Italy to ISO 9001 quality standards. Sita units are WRAS approved. The standard LCD range consist of a 304 stainless steel chamber (316 optional), a control panel with an LCD display, an hours run meter and alarm contacts. The PLUS version has an UV intensity meter (or temperature meter) and a high temperature shut down. Manual and automatic wipe options are available.



RACK LCD²

Electrical Panel	Rack LCD ²	Rack LCD ² Plus
Protection degree	IP 55	IP 55
LCD2 Display (microprocessor control)	✓	✓
Total hour-meter	✓	✓
Resettable count down hour-meter	✓	✓
Alarm red led	✓	✓
Alarm relay Free Contact NO / NC	✓	✓
Alarm relay 230 V NO / NC outlet – 2 A max	✓	✓
On/Off Timer	✓	✓
Remote On/Off contact	✓	✓
Display of Irradiation /temperature control	✗	✓
Shutdown for high temperature UV chamber	✗	✓
4/20 mA output	✗	✓ (optional)

SEMI-INDUSTRIAL UV



RACK LCD² (PLUS)

Reference	Watt	Max Flow Rate	Conn.	€
1306.UV80/3RACKLCD ²	3 x 80	20 m ³ /h	2"	
1306.UV80/3RACKLCD ² +	3 x 80	20 m ³ /h	2"	
1306.UV80/4RACKLCD ²	4 x 80	30 m ³ /h	DN80	
1306.UV80/4RACKLCD ² +	4 x 80	30 m ³ /h	DN80	
1306.UV80/5RACKLCD ²	5 x 80	40 m ³ /h	DN80	
1306.UV80/5RACKLCD ² +	5 x 80	40 m ³ /h	DN80	

INDUSTRIAL UV

DESCRIPTION

The AM series features extremely powerful 200W amalgam lamp. This series is unique by the fact that you can handle a high flow with a small number of lamps. Thanks to its unique L-shape one can install the AM both horizontally and vertically. These are ideal for private water, industrial, beverage and food industries.



ON DEMAND

- 4-20 mA
- Audio alarm



Rack LCD²
AM 24-50-60



TC panel
AM 96-125-160

Electrical Panel	Rack LCD ²	Rack LCD ² Plus
Protection degree	IP 54	IP 54
LCD2 Display (microprocessor control)	✓	✗
SITA Touch-Screen (65000 colours)	✗	✓
Multi language display	✗	✓
Hour meters (system and lamp life)	✓	✓
Red led of anomaly	✓	✗
Alarm relay Free Contact NO / NC	✓	✓
Digital outputs	✗	✓
Alarm relay 230 V NO / NC outlet – 2 A max	✓	✓
Display of Irradiation /temperature control	Only Plus version	✓
Remote on/off	✓	✓
4/20 mA output	Optional only for Plus version	✓
Timer ON/OFF	✓	✓
Datalog – Events	✗	✓
CAN, Ethernet, USB, Seriale (Modbus, TCP/IP, CANopen)	✗	✓
Remote access with App or WebGate	✗	✓
UV dose calculation	✗	Optional only for Plus version
Lamp power regulation	✓	Optional from AM 96

INDUSTRIAL UV



RACK LCD²
AM 24-50-60



TC panel
AM 96-125-160

SITA AM RANGE

Reference	Watt	Max Flow Rate	Conn.	€
1306.AM24	1 x 200	24 m ³ /h	2" M	
1306.AM24+	1 x 200	24 m ³ /h	2" M	
1306.AM50	2 x 200	50 m ³ /h	DN80	
1306.AM50+	2 x 200	50 m ³ /h	DN80	
1306.AM60	2 x 200	60 m ³ /h	DN80	
1306.AM60+	2 x 200	60 m ³ /h	DN80	

Life Span Lamps: 12000 hours

SPARE PARTS

Reference	Item Name	€
1306.026410.1	UV Lamp 12 W for UV 107	
1306.028110	UV Lamp 16 W for UV 403	
1306.028102	UV Lamp 30 W for UV 405	
1306.028102C	Lamp for UV405C	
1306.028104	UV Lamp 40 W for UV 412, 440, 450, 550	
1306.028124	UV Lamp 80 W for UV480 and 80 series	
1306.026411.1	Quartz Tube for UV107	
1306.028111	Quartz Tube for UV403	
1306.028103	Quartz Tube for UV405	
1306.028103C	Quartz Tube for UV405C	
1306.028201	Quartz Tube for UV400 series	
1306.028105	Quartz Tube for UV412 - 40/80	
1306.028202	Pallas UV Lamp 30 W for UV 405	
1306.028119	Lamp 200W for AM series	