

TURBO SMART

DAILY ROUTINE MAINTENANCE

Daily maintenance must be carried out by specially instructed surgery staff



- Always refer to the operator's handbook before carrying out any work
- Manuals are available on the website www.cattaniesam.it
- We recommend their consultation especially for updates about safety
- Prior to carrying out any servicing operation make sure to wear disposable gloves, goggles, a mask and overalls
- Disconnect the appliance from the power
- Keep the plant room free from flammable and corrosive mixtures



CHECK

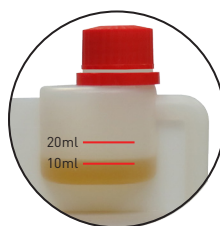
1) Check for any possible alarm on the display. In case of alarm, see alarms description below.



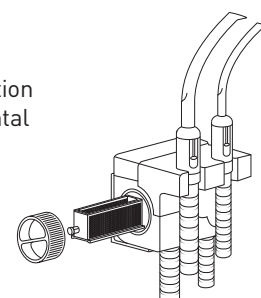
2) At the end of every working day aspirate a solution of Puli-Jet Plus using Pulse Cleaner.

General Cleaning (daily): mix 10ml of Puli-Jet Plus with 2.5 litres of warm water (approx temp 50°C).

Disinfecting (once per week): mix 20ml of Puli-Jet with 2.5 litres of warm water (approx temp 50°C).



3) Clean the aspiration filters on the dental unit and replace Antifoaming Tablets (if used).



4) Clean and disinfect the aspirator filter



ALARM DESCRIPTION

ALARM CODE	ALARM ID	DESCRIPTION	SOLUTION
I14	2	Amalgam level > 95%	Replace the amalgam container as soon as possible
I15	3	Amalgam level > 100%	Replace the amalgam container
I04	36	Overtemperature (temperature has exceeded max. allowed limit)	Ventilate the plant room (check cooling fan is operating)

Annual maintenance must be carried out by a trained engineer in possession of original spare parts

HOW IS IT WE LEAD IN OUR FIELD, WHEN WE COST LESS THAN THE ALTERNATIVES? THIS IS HOW:

Constant research: this lets us apply the latest technology in all of our products and solutions.

We enhance performance: electronic and information technology allow us to increase the performance and reliability of our products.

We reduce costs: less maintenance and energy costs mean on a cost-benefit analysis we are always the most economical.

We reduce environmental impact: we save 50% of primary materials, and allow you to save between 30% and 50% of electrical consumption.



TURBO SMART ANNUAL ROUTINE MAINTENANCE

Annual maintenance must be carried out by a trained engineer in possession of original spare parts



- Always refer to the operator's handbook before carrying out any work
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- We recommend their consultation especially for updates about safety
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CHECK

- 1) Maximum detected temperatures (operating temperature range should be between +5 and +40°C).
- 2) All other alarms* including amalgam alarms.



- 2) Routine maintenance has been duly carried out and make sure that Magnolia products are used**.



CHECK SERVICING REQUIREMENTS

The following servicing requirements should ONLY be carried out by a trained engineer.

The following items below need to be replaced, making sure that when reassembled all O-rings on amalgam container and debris filter are lubricated with Lubri-Jet spray or drop. Use only silicone based lubricants.



041422	Tube ISO 19 d.17.5 special	210942	O-ring ISO 18 lid seal
043135	Amalgam container + lid Turbo Smart	210943	Amalgam Sep pot O-ring ISO
200207	ISO 18 Weight cage	210947	ISO 6/18 A/Sep elbow O-ring
201544	Filter for ISO 18 amalgam separator & Turbo Smart separator	210969	ISO 6/18 waste outlet cover O-ring
202551	Turbo Smart non return valve retainer	210973	ISO 18 centrifugal sep base seal
202580	ISO 18 Cone at bottom of A/Sep	210975	O-ring ISO 18 Air inlet seal
210816	Turbo Smart recirculator diaphragm	210976	Turbo Smart / HP vacuum inlet point O-ring
210824	Turbo Smart non return valve	210980	Smart separator O-ring sep to Uni-75 + for 201547
210909	Mini-Sep entry O-ring	224185	Brass float valve ISO 18
210915	O-ring ISO 18 orifice plate seal	224424	ISO 18 by-pass valve seat (brass+rod)
210918	Turbo Smart waste O-ring	250498	Turbo Smart recirculator spring
210932	O-ring for low voltage pump body	250552	ISO 18 float spring
210934	O-ring for 16mm tip support union	170.4474	Thermistor 4R 9.5A



* In the case of alarms, please refer to the 'Daily Routine Maintenance' sheet.

** Where routine maintenance is not carried out properly or unsuitable products are used, inform the staff and practice manager.

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