



SMARTcare Cleaning and maintenance system

Fast and thorough

- **Rotary cleaning and maintenance** of up to 3 instruments (approx. 3.3 min/instrument)
- **4 different cleaning and maintenance programs** for flexibility
- Internal storage system and USB port for **process documentation**
- **Display** for user-friendly operation
- **Integrated chuck care system** extends instrument service life
- With 1, 2 or 3 fixed, **motorized handpiece adapters** for the optimal application of cleaner and oil
- **Non-fixing**, water-based cleaner
- **Compact footprint**; to save additional space, the USB stick and test adapter can be stored inside the device



Automated cleaning and maintenance

SMARTcare: automated processes for enhanced flexibility and safety

The automated SMARTcare cleaning and maintenance system keeps sensitive dental instruments as hygienic as possible and has been specifically developed to meet the challenges created by the complex design of handpieces and contra-angle pieces. Effective rotary cleaning and maintenance for instruments with a longer service life.

Powerful

Extremely effective against dirt, yet gentle on the instruments. Ideal for increasing instrument service life.

Safe

For batch documentation and traceability purposes, all the cleaning cycles are recorded automatically and can easily be transferred to a computer using the USB stick provided.

Flexible

A choice of four cleaning and maintenance programs gives users the flexibility to adapt the system to a range of instruments and practices as well as their individual procedures. The system also has a separate nozzle for the maintenance of chucks.

Economical

During the automated processes, the cleaner and oil are measured out exactly and economically so as to avoid measuring errors and to reduce costs.



SMARTcare models



SMARTcare type 1

One fixed, motorized INTRAmatic adapter (pursuant to ISO 3964) and two stations for turbine adapters*



SMARTcare type 2

Two fixed, motorized INTRAmatic adapters (pursuant to ISO 3964) and one station for a turbine adapter*



SMARTcare type 3

Three fixed, motorized INTRAmatic adapters (pursuant to ISO 3964)

*Suitable turbine adapters must be ordered separately.

Thorough cleaning and maintenance at the press of a button

Cleaning is one of the most important steps during instrument re-processing because instruments must be properly cleaned before they can be effectively disinfected and sterilized. Besides cleaning, it is also imperative to maintain components to ensure that they function correctly and to increase their service life.

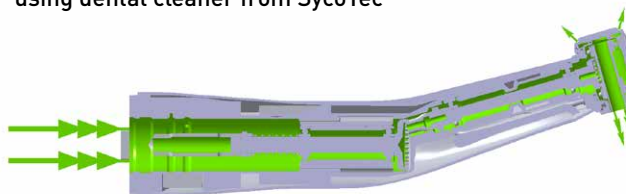
The SMARTcare system can be used to perform thorough internal cleaning and maintenance on dental instruments such as handpieces, contra-angle pieces and turbines. When running the validated standard "Cleaning and Maintenance" program, the automated cleaning and maintenance process only takes around 3 minutes per instrument. During the gentle cleaning process, during which the moving parts like drives and ball bearings are rotated, a special, non-fixing liquid cleaner efficiently removes bacteria, germs and other dirt from the water spray and air channels and other hollow spaces. Thoroughly maintaining internal components helps to improve the instruments' service life.

Cleaning and maintenance is a three-step process, during which the required liquids are inserted into the rotating instrument at various stages. This ensures that the liquids are distributed optimally and evenly.

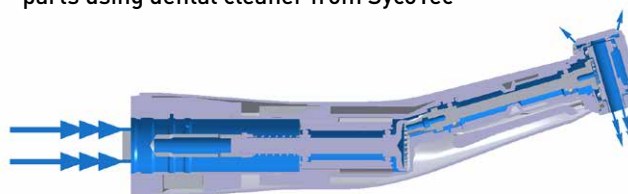
The instruments are blown out with compressed air at the end of each step. A separate nozzle or tip enables the clamping device to be specifically maintained in just a few seconds to ensure that its optimal retention force is retained.



1. Cleaning the water spray and air spray channel using dental cleaner from SycoTec



2. Cleaning the drive air channel, drives and hollow parts using dental cleaner from SycoTec



3. Maintaining the drive using dental oil from SycoTec

Accessories

SycoTec Dental Oil
(pack with 2 x bottles of 500 ml)

SycoTec Dental Cleaner
(pack with 6 x bottles of 500 ml)

Absorption pads
(10 pieces)



The matching/uniform color coding of the bottles and tank lids and the reduction in emissions that are harmful to the environment allow the tanks to be refilled with liquids quickly and safely.



Turbine adapters

	MULTIflex/ Connex	INTRA	Sirona T1 Turbines	NSK Turbines	W&H Turbines	Bien Air Turbines
Adapters		-				
Test adapters						

Technical specifications

Dimensions (W x H x D)	280 x 345 x 300 mm
Weight	7.3 kg
Nominal voltage	100–230 V
Nominal frequency	50/60 Hz
Nominal power	max. 45 VA
Protection class	1
Ambient temperature	5–35°C

Sound pressure level	60 [65] dB (A)
Relative humidity	max. 85%
Compressed air	4.5–6 bar
Air consumption	40 l/min
Compressed air quality	Residual oil content: max. 0.1 mg/m ³ Residual dust content: max. 1 µm, max. 0.1 mg/m ³ Residual water content: max. 0.1 g/m ³ at -40°C
Guarantee	2 years

Contents

SMARTcare cleaning and maintenance system

- | | |
|-----------------------|----------------------------|
| 1 mains power cable | 1 bottle of dental oil |
| 1 compressed air line | 1 bottle of dental cleaner |
| User manual | 1 pack of absorption pads |



[www.sycotec.eu/en/products/dental-drive-technology-3/
maintenance-cleaning-devices](http://www.sycotec.eu/en/products/dental-drive-technology-3/maintenance-cleaning-devices)

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