

# CATALOGUE

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## SIMPLIFYING YOUR WORKING LIFE

Backed by over 50 years of experience in dental medicine, Bien-Air offers a range of solutions and products renowned throughout the world for their excellence. 100% Swiss Made, Bien-Air products are designed and manufactured in the heart of the famous Watch Valley, the birthplace of a unique expertise in the field of microtechnology. Famous for its implantology systems and its handpieces, Bien-Air is also the world's largest producer of superior quality micromotors for dental medicine.

Our products have been developed as a direct response to the daily practice of professionals working in the dental and surgical fields. The constant innovations emerging from this close collaboration greatly improve the quality, fluidity and safety of dental treatments and laboratory procedures. Our customers testify daily to the high quality, reliability and precision of our products. They are made to simplify your working life...  
Over the long-term.



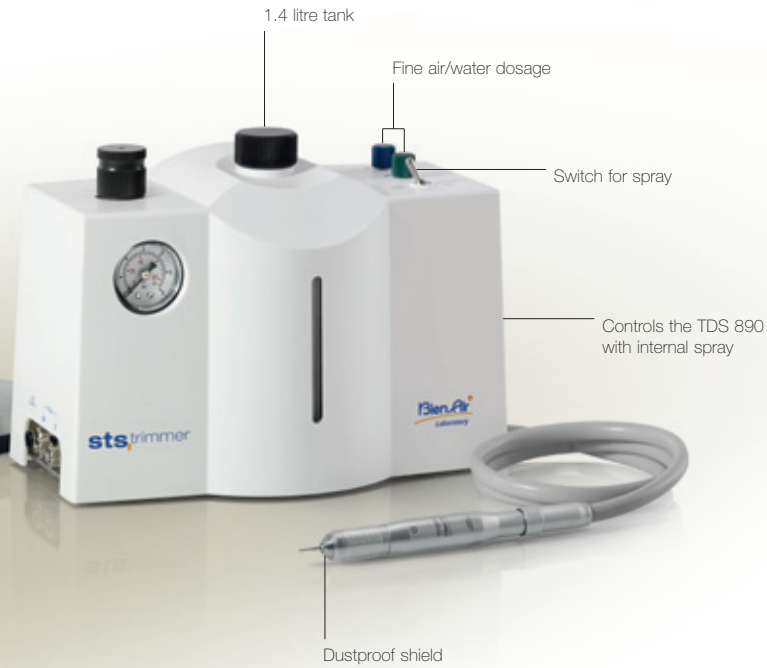
## PRECISION, VERSATILITY AND ROBUSTNESS

Particularly simple and robust, Bien-Air laboratory systems or instruments enjoy a reputation for performance and reliability that is already firmly established. Backed by more than 50 years of experience in the field of rotary instruments, at first using air micromotors then electric micromotors, Bien-Air has been able to meet the increasing demands involved in the retouching of prostheses and ceramics in the laboratory. You will find an indispensable assistant in the range of laboratory systems or instruments from Bien-Air.

## LABORATORY CONTROLS



# PNEUMATIC CONTROLS



Particularly robust and simple to use, Bien-Air pneumatic units and their TD and TDS turbines provide the optimum response to the demands of ceramics and prosthetics specialists.

Ideal for delicate, precise work, robust and simple to use, these units are unrivalled.

The superior qualities of the STS-Trimmer unit really set it apart. Fitted with a 1.4 litre tank, it can operate autonomously for significant periods. Controlled by separate switches, the flow rate and the air/water spray mixture can be finely adjusted for optimum cooling. In combination with turbines fitted with a dustproof shield and Friction Grip chuck, Bien-Air air-driven assemblies offer you the best... Over the long term.

## STS-TRIMMER PNEUMATIC CONTROL WITH SPRAY

Simple and efficient table control with a large tank, fitted with the TDS 890 straight turbine.

### Specifications:

- controls the TDS 890 turbine with spray
- turbine speed up to 300,000 rpm.
- turbine ideal for delicate, precise work
- large 1.4 litre tank
- air/water mixture plus adjustable spray flow rate
- manual spray switch
- pedal to adjust turbine speed and actuate the spray
- straight hose in grey silicone, 4-way coupling
- reliability under all conditions
- allows retouching of ceramic and zirconium



### STS-Trimmer set with spray

- 1 STS-Trimmer unit with spray
- 1 TDS 890 turbine with internal spray
- 1 pedal
- 1 straight hose with 4-way coupling

**Ref. 1700296-001**

- ref. 1600643-001
- ref. 1600163-001
- ref. 1600312-001
- ref. 1600390-001

## PNEUMATIC CONTROLS FOR TD 783 TURBINES

Simple and efficient controls, fitted with the TD 783 straight turbine. A choice of two versions, the S001 table model, stable yet compact, or the SF 811 wall or table-leg mounted unit, for extra working space.

### Specifications:

- turbine speed up to 300,000 rpm.
- turbine ideal for delicate, precise work
- pedal to adjust turbine speed
- straight hose in grey silicone, interior Ø 1/8"
- reliability under all conditions



### S001 set

- 1 S001 table model
  - 1 TD 783 turbine
  - 1 pedal
  - 1 grey coiled hose, interior Ø 1/8"
- Ref. 1700126-001**

- ref. 1600318-001
- ref. 1600161-001
- ref. 1600312-001
- ref. 1200022-001



### SF 811 set

- 1 SF 811 wall-mounted unit
  - 1 TD 783 turbine
  - 1 pedal
  - 1 grey coiled hose, interior Ø 1/8"
- Ref. 1700083-001**

- ref. 1600167-001
- ref. 1600161-001
- ref. 1600312-001
- ref. 1200022-001

## STRAIGHT TURBINES

With a rotation speed of 300,000 rpm, these straight laboratory turbines prove ideal for delicate, precise work. A completely unique dust protection shield helps give them an extraordinarily long service life.



### TD 783 turbine

- For connection to hose, internal Ø 1/8" (3.17 mm), friction grip (FG), bur shank Ø 1.6 mm
- Ref. 1600161-001**



### TD 783 turbine

- For 2-way coupling hose, friction grip (FG), bur shank Ø 1.6 mm
- Ref. 1600162-001**



### TDS 890 turbine with spray

- For unit with STS-Trimmer spray, friction grip (FG), 4-way coupling, bur shank Ø 1.6 mm
- Ref. 1600163-001**



# ELECTRICAL CONTROL



PROLAB Basic has become an essential tool. This unit and its motor place Bien-Air quality within the reach of all handpieces with type E couplings. This is a robust, high-performance micromotor. Designed without brushes or sensors, it is fitted with a self-ventilation system. Specially designed for laboratory controls, it offers vibration-free rotation and smooth acceleration at all speeds. The ideal extension for the Prolab motor, the PM 1:1 direct ratio straight handpiece is fitted with a locking ring. Prolab Basic: You can no longer do without it.

## PROLAB BASIC TABLE CONTROL

Prolab Basic laboratory table control with progressive foot pedal. For 100, 115 and 230 Vac.



### Prolab Basic set with progressive pedal

- 1 Prolab Basic tabletop control ref. 1600442-001
  - 1 1000 to 40,000 rpm motor ref. 1600443-001
  - 1 motor cable ref. 1600431-001
  - 1 progressive pedal ref. 1600440-001
  - 1 support ref. 1301575-001
- Ref. 1700252-001**

## PROLAB BASIC TABLE CONTROL

Prolab Basic laboratory table control with ON/OFF foot pedal.  
For 100, 115 and 230 Vac.



### Prolab Basic set with ON/OFF pedal

- 1 Prolab Basic tabletop control
- 1 1000 to 40,000 rpm motor
- 1 motor cable
- 1 ON/OFF pedal
- 1 support

**Ref. 1700041-001**

- ref. 1600442-001
- ref. 1600443-001
- ref. 1600431-001
- ref. 1600447-001
- ref. 1301575-001

## STRAIGHT HANDPIECES



### PM 1:1

Without light, direct ratio, Interchangeable sleeves with or without irrigation tube, locking ring, bur shank  
Ø 2,35 mm

**Ref. 1600052-001**



### 1:1 sleeve

Without external irrigation tube.

For straight handpiece PM 1:1 ref. 1600052-001

**Ref. 1500003-001**



## BIEN-AIR QUALITY

In order to guarantee long-term optimum performance as well as constantly renewed pleasure in one's work, Bien-Air has designed a range of top-quality accessories and control instruments. These all benefit from the same attention to detail as the other products in the product range.

Bien-Air quality, right down the line.

## MAINTENANCE AND ACCESSORIES



## MAINTENANCE PRODUCTS



### Spraynet

Cleaning spray 500 ml.  
Box of 6.  
For instruments and equipment  
Ref. 1600036-006



### Lubrimed

Medical grease for ball-bearing turbines, except Eolia.  
Box of 6 cartridges  
Ref. 1600037-006



### Lubrimed greaser

For ball-bearing turbines, except Eolia  
Ref. 1000003-001



### Cleaning wire

For unblocking the spray tubes of turbines, contra-angles  
and handpieces.  
Box of 10  
Ref. 1000001-010

## PROLAB BASIC ACCESSORIES



Progressive foot pedal  
Prolab Basic  
Ref. 1600440-001



ON/OFF foot pedal  
Prolab Basic  
Ref. 1600447-001



Unit mounting  
Prolab Basic  
Ref. 1301220-001



Holder  
For instruments and micromotors  
Ref. 1301575-001

## PROLAB BASIC ACCESSORIES



### Prolab Basic micromotor

Self-ventilating, type E coupling as per ISO 3964,  
speed of rotation 1000 to 40,000 rpm

Ref. 1600443-001



### Prolab Basic black cable

For micromotor, length 3 m

Ref. 1600431-001

## ACCESSORIES FOR TD 783 AND TDS 890 TURBINES



### Key for friction grip (FG)

For TD 783 and TDS 890 turbines

Ref. 1000005-001



### 2-/3-way coupling

Allows use of the TD 783 turbine with 2-way  
coupling on S001 and SF 811 units

Ref. 1500010-001

## MEASURING INSTRUMENTS

The air pressure gauges measure the pressure  
of the air entering turbines and air motors.



### 3-way pressure gauge

For 2- or 3-way coupling

Ref. 1600242-001



### 4-way pressure gauge

For 4-way coupling with or without light

Ref. 1600243-001



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