

PROLAB

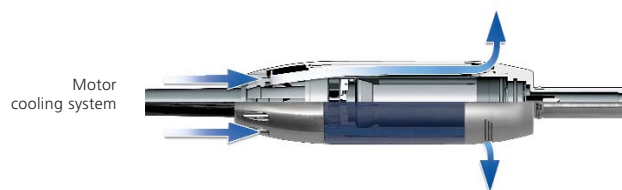
Electronic laboratory control unit

Basic



Simple and efficient

Simplified version. Speed adjustable by thumb wheel from 1,000 rpm to 40,000 rpm. Buttons for selection of Forward/Reverse and for speed limiting to a maximum of 30,000 rpm. Indicator lamps warning of overheating of the motor and control unit, and of motor connection. The motor is self-ventilated, easy to handle and rugged, especially suitable for laboratory requirements, and provided with an E Standard coupling as per ISO 3964, matching most handpieces.



Motor and PML 1:1

The efficient, rugged Prolab motor, self-ventilated and without brushes or sensors, is fitted with the E Standard coupling as per ISO 3964, the commonest coupling in the world. Specially designed for Prolab laboratory control units, it operates smoothly at all speeds. An ideal extension, the direct-ratio straight handpiece PML 1:1 is provided with a very efficient enhanced bur locking system and motor antirotation system. Rotational speeds up to 40,000 rpm. Maximal speed of rotation 40,000 rpm.



Product Improvements

With On/Off pedal



With progressive pedal



The Prolab Basic set comprises:

- 1 Prolab Basic unit with choice of floor pedals, On/Off or progressive
- 1 motor cable
- 1 unit mounting
- 1 support for instrument

Optional Accessories:

Self-ventilated Prolab motor,
E Standard coupling as per
ISO 3964, speed from 1,000 to
40,000 rpm maximum, in both
directions of rotation



or

PM Prolab handpiece
with integral motor, speed from
1,000 to 50,000 rpm, in both
directions of rotation. Speed limited
to 40,000 rpm with Prolab Basic

REF set

1700041-001	Prolab Basic, On/Off pedal, E standard motor
1700252-001	Prolab Basic, progressive pedal, E standard motor
1700253-001	Prolab Basic, On/Off pedal, PM with built-in motor
1700254-001	Prolab Basic, progressive pedal, PM with built-in motor

General data - Prolab Basic unit

Type	Laboratory control unit
Classification	In conformity with machinery directive 98/37/EC
Supply voltage	100 - 240 Vac
Frequency	50 - 60 Hz
Unit dimensions (L x H x D)	92 x 306 x 232 mm
Unit weight	2,500 g
Cable weight	150 g
Control unit + motor temperature	Electronically controlled
Electromagnetic compatibility	EN 61000-6-1, EN 61000-6-3
Safety	EN 60335-1
Speed	1,000 to 40,000 rpm max.



An ideal extension of the Prolab
motor, the direct-ratio PML 1:1
straight handpiece