

INCREASE
YOUR EXPECTATIONS

CHIROPROL
IMPLANTOLOGY SYSTEM

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«MY PATIENTS DEMAND
THE BEST OF ME.
WHY SHOULD I NOT
USE THE BEST
INSTRUMENTS? »

Dr. Med. Dent.
Michel Beuchat, specialist
in implantology and periodontics,
Bienne, Switzerland.

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I want a user-friendly contra-angle handpiece, a
light, small device, an intuitive system adapted to
my needs. I want to be able to use the program I
choose and customise it at will. I demand optimum

precision, an efficient and powerful motor.
My patients want to feel at ease. That is why I need
an implantology system meeting my requirements.

CHIROPRO L TO MEET THE HIGHEST REQUIREMENTS.

Implantology is a demanding discipline. That is why Chiropro L, the latest in Bien-Air expertise, leaves nothing to chance. Created with practitioners for practitioners, it is an ultra-efficient, extremely versatile implantology system, designed for numerous clinical applications.

Chiropro L takes concern for detail to unprecedented levels. Everything is designed for your comfort. The interface, intuitive and complete, can be managed by the new control pedal.

The MX-LED, the most powerful motor on the market, is currently the only motor to offer LED lighting of equal intensity at both high and low speeds. The contra-angle handpiece, for its part, incorporates a unique internal irrigation system offering ideal grip. You mentioned user-friendliness?

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- Numerous possible clinical applications incorporating in particular 7 of the leading implant systems on the market with their complete clinical sequences
- Customisable programs
- A simple, intuitive interface
- The most efficient and reliable motor
- An innovative peristaltic pump
- The contra-angle handpiece with the smallest head on the market



The Chiropro L incorporates 7 of the leading implant systems on the market with their complete sequences. Chiropro L can also be customised according to your needs and adapt to multiple users. From preparation of the implant site to implant fastening, the pre-programmed clinical sequence is displayed on screen. Only a few seconds are needed to define, save or modify your program.

Designed to simplify your daily practice, the Chiropro L unit is infinitely versatile, allowing numerous clinical applications such as implantology, endodontology and dental surgery.

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THE UNIT, QUITE SIMPLY VERSATILE.



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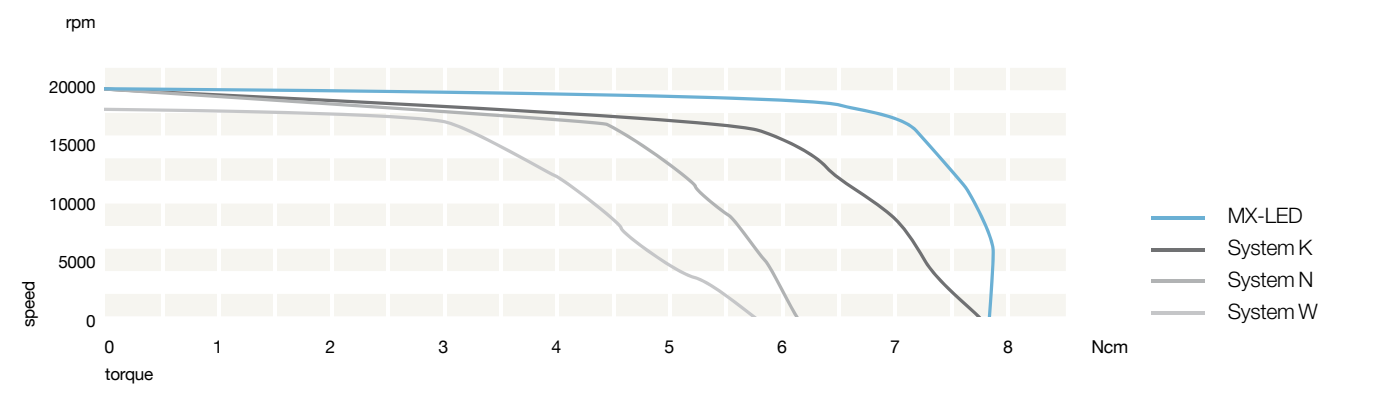
Bien-Air has designed a new patented peristaltic pump. Our disposable irrigation lines incorporate an insertion support ensuring very easy handling and optimum hygiene.

Chiropro L is pre-programmed for the following implant systems:

- Straumann
- Nobel Biocare
- Zimmer
- Dentsply-Friadent
- Biomet 3i
- AstraTech
- Thommen Medical
- Free system

Straumann, Nobel Biocare, Zimmer, Dentsply-Friadent, Biomet 3i, AstraTech, Thommen Medical are trademarks registered by the corresponding companies. The programmed parameters are given as a guide only and cannot be subject of any claim. The parameters are subject to change without notice.

MX-LED
THE BEST MOTOR.



The MX-LED motor is a model of stability. At both high and low speeds, the new MX-LED offers you ideal working comfort. With it's high level of output torque, the MX-LED is just simply the most powerful motor on the market. Depending on the torque needed, the power is automatically regulated and stabilised electronically. Accordingly, the speed is kept constant throughout the operation. Another major advantage is that the motor allows LED lighting on the contra-angle with the same luminous intensity at both high and low speeds. The MX-LED motor is not only the most powerful motor on the market, but also the lightest.

Self-ventilated motor



LED lighting



Incomparable quality of lighting
The MX-LED motor incorporates a LED of luminous intensity adjustable according to your sensitivity (10 setting levels). The LED diffuses a natural white light similar to day-light, with a service life 10 times greater than that of a traditional light bulb.



Bien Air
SWISS MADE



20:1 L CONTRA-ANGLE HANDPIECE ERGONOMICS ABOVE ALL.

Bien-Air innovates to provide you with always greater comfort, and the new 20:1 L contra-angle handpiece is the finest proof of this. It incorporates an internal irrigation system, a world first. The irrigation line is attached at the rear end of the contra-angle, thus freeing you of its cumbersome presence in the hand.

The physiological liquid flows through an orifice in the base of the drill. It runs along the latter, thus providing optimum irrigation, especially when fitting implants with surgical guides. To ensure maximum hygiene, Bien-Air has developed a cleaning solution specially dedicated to internal irrigation of the contra-angle, Aquacare.

Moreover, with the smallest head on the market, the Bien-Air contra-angle handpiece is distinguished from its competitors by enabling easier access to the posterior regions.

Fitted with an exclusive double optical glass rod system, the 20:1 L contra-angle handpiece provides uniform lighting of the operative field.



ACCESSORIES

PM 1:1

REF	1600052-001
Type	Straight handpiece
Ratio	1:1 (direct)
Speed range	100 to 40'000 rpm*
External spray	On removable sleeve
Removable sleeves	With or without spray hose, supplied with each instrument
Coupling	E-type as per ISO 3964
Locking system	Locking ring
Bur dimension	ø 2.35 mm / type 2, according to ISO 1797
Cleaning	Thermal washer
Sterilisation	Steam autoclave up to 134°C (275°F)
Accessories	
Sleeve with spray	REF 1500552-001
Sleeve without spray	REF 1500003-001



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PM 1:2

REF	1600436-001
Type	Straight handpiece
Ratio	1:2
Speed range	200 to 80'000 rpm*
External spray	On removable sleeve
Removable sleeves	With or without spray hose, supplied with each instrument
Coupling	E-type as per ISO 3964
Locking system	Locking ring
Bur dimension	ø 2.35 mm / type 2, according to ISO 1797
Cleaning	Thermal washer
Sterilisation	Steam autoclave up to 134°C (275°F)
Accessories	
Sleeve with spray	REF 1500567-001
Sleeve without spray	REF 1500568-001



SPRAYNET LUBRIFLUID AQUACARE

Cleaning with Spraynet®	Lubrication with Lubrifluid®	Aquacare
REF 1600036-006	REF 1600064-006	REF 1600617-006
General cleaning purposes, internal and external	Lubrication of handpieces and motors	Removal of physiological liquid deposits

IRRIGATION LINES

REF	1500984-010
Material	PVC, Silicone
Length	2m30
External Diameter	ø 2.6 mm
Internal Diameter	ø 1.4 mm
Medical Device	Classe I
Sterile, single-use	



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CA 1:1 L (LED)

REF	1600384-001
Type	Contra-Angle with internal spray
Ratio	1:1 (direct)
Speed range	100 to 40'000 rpm*
Locking system	Push button grip
Coupling	E-type as per ISO 3964
Bur dimension	ø 2.35 mm / type 1, according to ISO 1797
Light	Dual glass bar
Cleaning	Thermal washer
Sterilisation	Steam autoclave up to 134°C (275°F)



* using Chiropro L

CHIROPRO L

REF	1600613-001
Electrical supply to motor	1 quick release push-pull connection / 32 Vdc for MX LED motors
Insulation class	II, type BF
Protection level	IP40
Dim. (LxDxH) / weight	309 x 220 x 123 mm (H with bracket 506 mm) / 2.7kg
Peristaltic pump	Flow rate 30 – 150 ml/min
Bracket - Irrigation	Stainless steel, height 440 mm
Irrigation lines	Flow rate 30 – 150 ml/min
Irrigation clips	Sterilisable, for securing irrigation lines
Programs	8 pre-programmed implant sequences (10 steps each), 1 endo sequence, 4 dental surgery individual programs.



MX LED + CABLE

REF	1600605-001
Mechanical power	107W @ 30'000 rpm
Dimensions	Ø 23.2 x 93.1 mm, incl cable connector
Speed range	100 to 40'000 rpm
Coupling	E-type as per ISO 3964
Weight	119 gr without cable
Light (with ChiroPro L and CA 20 :1 L)	12 klux white, adjustable
Noise	55 dBA @45 cm @40'000 rpm



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CA 20:1 L (LED)

REF	1600598-001
Type	Contra-angle with internal irrigation
Ratio	20 :1
Speed range	5 to 2'000 rpm with ChiroPro L
Coupling	E-type as per ISO 3964
Locking system	Locking ring
Bur dimension	ø 2.35 mm / type 1, according to ISO 1797
Cleaning	Thermal washer
Sterilisation	Steam autoclave up to 134°C (275°F)
Weight	87 gr
Light intensity	12 klux
Max torque	55 Ncm
Head height (incl 22.5 mm bur)	24.15 mm



FOOTCONTROL

REF	1600631-001
Description	3 buttons, 1 variator
Functions	Progressive speed, peristaltic pump ON/OFF, program selection, reversal of motor rotation
Protection Class	IPX8 selon IEC529



- Contra-angle handpiece with vertical, internal irrigation system, offering unique ergonomics and ideal grip.
- The smallest head on the market: easier anatomical access
- LED lighting effective at both high and low speeds, for perfect visibility
- Lighter and easier to handle

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