



INCREASE
YOUR EXPECTATIONS

CHIROPROL
IMPLANTOLOGY SYSTEM



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

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

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 micromotor.

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 micromotor on the market, is currently the only micromotor 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?



- 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 micromotor
- An innovative peristaltic pump
- The contra-angle handpiece with the smallest head on the market

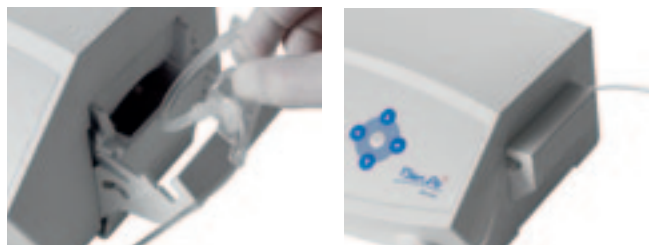


The Chiropro L incorporates 7 of the leading implant systems on the market with their complete sequences. Chiropro L can also be customised according to your needs and adapt to multiple users. From preparation of the implant site to implant fastening, the pre-programmed clinical sequence is displayed 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, endodentistry and dental surgery.



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:

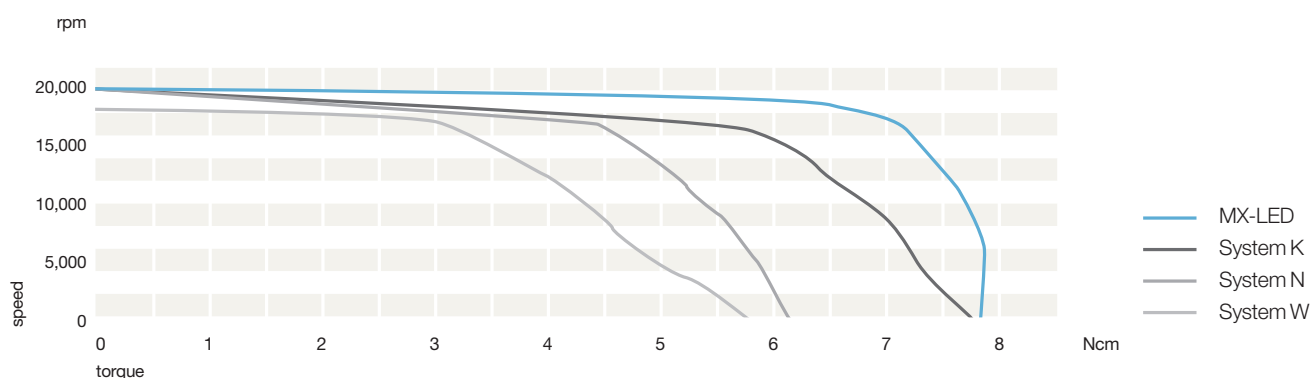
- Straumann
- Nobel Biocare
- Zimmer
- Dentsply-Friadent
- Biomet 3i
- AstraTech
- Thommen Medical
- Free system



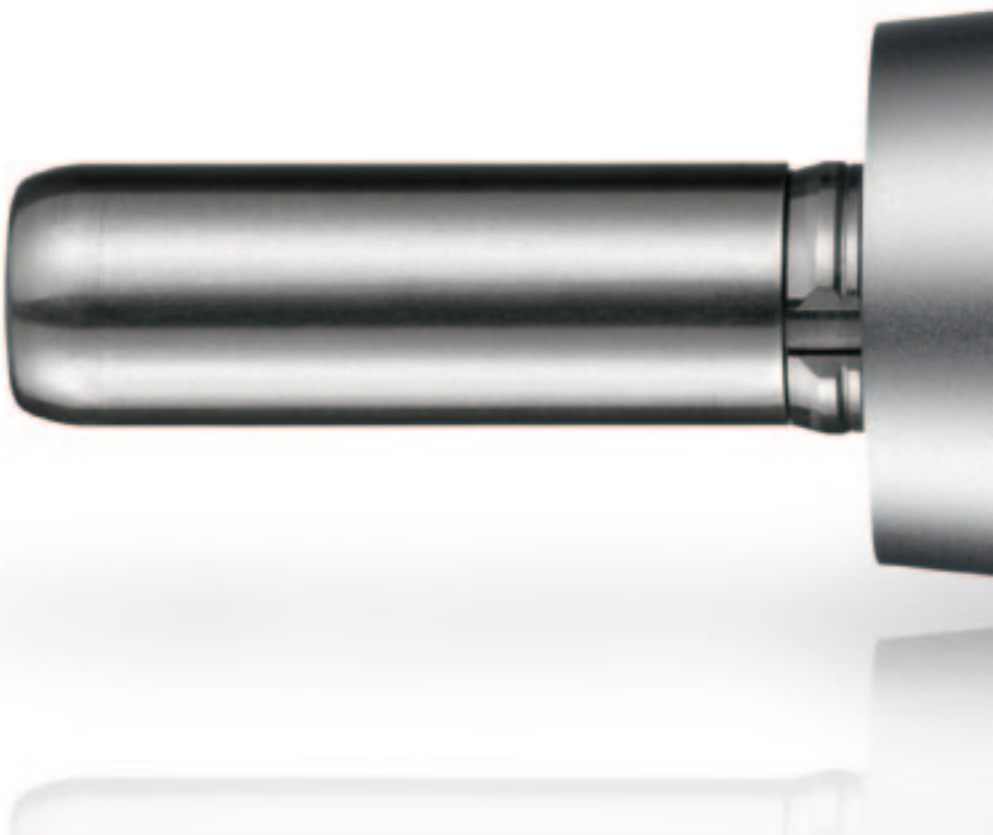
Straumann, Nobel Biocare, Zimmer, Dentsply-Friadent, Biomet 3i, AstraTech, Thommen Medical are trademarks registered by the corresponding companies. The programmed parameters are given as a guide only and cannot be subject of any claim. The parameters are subject to change without notice.

MX-LED

THE BEST MICROMOTOR.



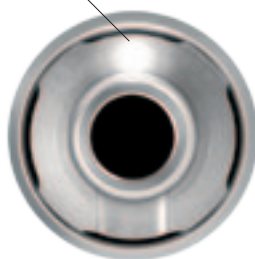
The MX-LED micromotor is a model of stability. At both high and low speeds, the new MX-LED offers you ideal working comfort. With its high level of output torque, the MX-LED is just simply the most powerful micromotor on the market. Depending on the torque needed, the power is automatically regulated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



Self-ventilated micromotor



LED lighting



Incomparable quality of lighting

The MX-LED micromotor incorporates a LED of luminous intensity adjustable according to your sensitivity (10 setting levels).

The LED diffuses a natural white light similar to daylight, with a service life 10 times greater than that of a traditional light bulb.

MX-LED
CHIROPRO

Bien-Air
SWISS MADE



Bien-Air

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MX-LED
CHIROPRO

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

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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 irrigation	On removable sleeve
Removable sleeves	With or without irrigation tube, 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 irrigation tube	REF 1500552-001
Sleeve without irrigation tube	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 irrigation	On removable sleeve
Removable sleeves	With or without irrigation tube, 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 irrigation tube	REF 1500567-001
Sleeve without irrigation tube	REF 1500568-001



AQUACARE SPRAYNET LUBRIFLUID



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

IRRIGATION LINES

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REF	1500984-010
Material	PVC, Silicone
Length	2.3 m
External Diameter	ø 2.6 mm
Internal Diameter	ø 1.4 mm
Medical Device	Classe I
Sterile, single-use	

CA 1:1L (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 micromotor	1 quick release push-pull connection / 32 Vdc for MX-LED micromotors
Insulation class	II, type BF
Protection level	IP40
Dim. (LxDxH) / weight	309 x 220 x 123 mm (H with bracket 506 mm) / 2.7 kg
Peristaltic pump	Flow rate 30 – 125 ml/min
Bracket - Irrigation	Stainless steel, height 440 mm
Irrigation lines	Flow rate 30 – 125 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 micromotor	1600605-001
REF cable	1600606-001
Mechanical power	130 W @ 25,000 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	116.5 gr without cable
Light	38,000 lux white, adjustable
Noise	55 dBA @45 cm @40,000 rpm according to ISO 11498



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CA 20:1L (LED) / CA 20:1

REF	CA 20:1L 1600598-001 / CA 20:1 1600632-001
Type	Contra-angle with internal irrigation, versions with light (L) or without
Ratio	20 :1
Speed range	5 to 2,000 rpm with Chiropro L
Coupling	E-type as per ISO 3964
Chuck mechanism	Push button
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	86 gr
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 micromotor rotation
Protection Class	IPX8 according to IEC529



REF Set CHIROPRO L with CA 20:1L	1700307-001
REF Set CHIROPRO L without CA	1700298-001

- 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



Bien-Air Dental SA
Länggasse 60
2500 Bienne 6, Switzerland
Tel. +41 (0)32 344 64 64
Fax +41 (0)32 344 64 91
dental@bienair.com

Bien-Air
Deutschland GmbH
Jechtinger Strasse 11
79111 Freiburg, Deutschland
Tel. +49 (0)761 45 57 40
Fax +49 (0)761 47 47 28
ba-d@bienair.com

Bien-Air España SA
Entença, 169 Bajos
08029 Barcelona, España
Tel. (+34) 934 25 30 40
Fax (+34) 934 23 98 60
ba-e@bienair.com

Bien-Air USA, Inc.
Medical Technologies
5 Corporate Park
Suite 160
Irvine, CA 92606, USA
Phone 1-800-433-BIEN
Phone 949-477-6050
Fax 949-477-6051
ba-usa@bienair.com

Bien-Air France Sarl
55-57, avenue Jean Lolive
93508 Pantin Cedex, France
Tel. +33 (0)1 41 83 60 70
Fax +33 (0)1 48 96 07 40
ba-f@bienair.com

Bien-Air on Internet:
www.bienair.com

Bien-Air Italia s.r.l.
Via Vaina 3
20122 Milano, Italia
Tel. +39 (02) 58 32 12 51/52/54
Fax +39 (02) 58 32 12 53
ba-i@bienair.com

Bien-Air UK Limited
63, The Street
Capel, Surrey RH5 5JZ, England
Tel. +44 (0)1306 711 303
+44 (0)1306 712 505
Fax +44 (0)1306 711 444
ba-uk@bienair.com

Bien-Air Asia Ltd.
Nishi-Ikebukuro
Daiichi-Seimei Bldg. 10F
2-40-12 Ikebukuro, Toshimaku
Tokyo, 171-0014, Japan
ビエン・エア・アジア株式会社
〒171-0014
東京都豊島区池袋2-40-12
西池袋第一生命ビルディング10F
Tel. +81 (3) 5954-7661
Fax +81 (3) 5954-7660
ba-asia@bienair.com

Beijing Bien-Air
Medical Instrument
Technology Service Co. Ltd.
Room 907, The Exchange Beijing,
No 118 Jian Guo Lu Yi,
Chao Yang District,
Beijing 100022, China
北京彼岸医疗器械
技术服务有限公司
北京市朝阳区建国路
乙118号招商局中心
京汇大厦907室
电话+86 10 6567 0651
传真+86 10 6567 8047
ba-beijing@bienair.com