

MX2 SYSTEM
TAKE CONTROL

MX2 SYSTEM WELCOME TO A NEW DIMENSION



Bien-Air has positioned itself as the world leader in electric micromotors. And this has not happened by chance. Some have even revolutionised modern dental techniques. Power, high torque, absence of vibration and reliability... the assets that make Bien-Air micromotors so unique.

Today, Bien-Air is raising the bar even higher with the MX2 Micro-Series micromotor. The best performing dental micromotor on the market.

The accuracy, power and long service life of the MX2 actually depend directly on the qualities of its dedicated Optima^{INT} control unit. Thanks to Smart Logic technology, the latter offers ultimate control of the power required, linearly and without vibration, while at the same time offering the requisite operating ranges.

MX2 system: Take control.

Purity of form and elegance are features of the Optima^{NT}, which has been specially created to fit all types of dental units.



3



MICRO-SERIES

The Bien-Air Micro-Series brings together the new series of Bien-Air compact contra-angles and handpieces and the new generation of micromotors with LED light. Lighter and more compact, the Micro-Series combinations offer exceptional grip and balance.



QUALITY LED

Bien-Air is setting new standards in the field of LED lighting. Adjustable intensity from 0 to 38,000 lux, perfectly white and natural light, service life up to 10 times longer than that of a traditional bulb, no overheating, exceptional resistance to sterilisation.



CARE FREE

Thanks to its lifetime-lubricated ball bearings, your micromotor no longer needs lubrication after each use. This ensures it always has the optimal amount of oil, and has reduced maintenance costs.



FREE MOVE

Freedom of movement for optimal working comfort. Thanks to its flexible and light rotating quick-connect coupling, the Bien-Air micromotor/hose combination will prove a pleasant work companion day in and day out.



SMART LOGIC

The most high-precision control ever obtained with a micromotor. Cutting-edge electronics offer perfect control of the torque and rotation speed, and the bur position. Even at very low speed.



EASY-NAV

Intuitive, simple, user-friendly navigation. You'll love this way of working: fast, logical and with added assistance. Straightforward.

EASY-NAV. The professional interface.

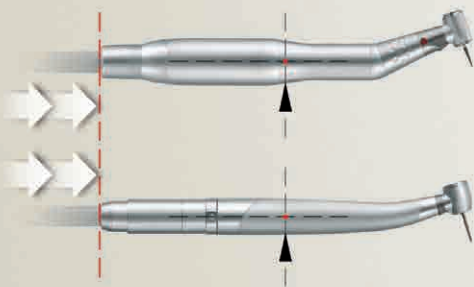


MX2 Micro-Series assembly

Classic combination

MX2 MICRO-SERIES COMPACT AND BALANCED

The MX2 micromotor offers the best performance on the market whilst remaining incredibly compact. Coupled with the new Bien-Air Micro-Series instruments, the LED MX2 Micro-Series offers similar dimensions to a turbine. The lightweight MX2 combines user comfort with the best performance an electric instrument can provide.



MX2 SYSTEM

TWO INSTRUMENTS FOR ALL YOUR INTERVENTIONS

Thanks to the unique performance of the combination of micromotors and Optima^{NT} - DMX2 control units, no more than two contra-angle handpieces are now needed for the majority of dental restoration, prophylactic or endodontic work, including procedures using NiTi tools. The available speed range with the CA 1:1 and CA 1:5 is 100 to 200,000 rpm. This remarkable progress makes it possible to reduce the number of instruments in the practice.

5

1 RED 1:5 CONTRA-ANGLE AND 1 BLUE 1:1 CONTRA-ANGLE ARE ALL YOU WILL REQUIRE FOR ALL YOUR INTERVENTIONS

Applications and contra-angles	CA 1:5	CA 1:1
Minimum speeds in rpm	500	100
Maximum speeds in rpm	200,000	40,000
Amalgam polishing		•
Root treatment – NiTi		•
Removal of deep caries		•
Removal of caries	•	•
Preparation of temporary crowns and bridges		•
Interdental and subgingival polishing		•
Surplus amalgam removal	•	•
MC Spadden endodontic technique		•
Chrome cobalt balance		•
General finishing in cavity preparation		•
Cutting of retentive grooves	•	•
Ceramic adjustment	•	
Finishing preparation B+C, bevels and ridges	•	•
Finishing preparation cavities, bevels and ridges		•
Occlusal adjustment	•	
Dentine reduction	•	•

With its shortened nose, the MX2 Micro-Series micromotor is compatible with all type E instruments (ISO 3964) as well as with the ultra-short Micro-Series instruments.



The Bien-Air MX2 brushless micromotor, with adjustable LED light, is a little prodigy. Combined with the new Micro-Series instruments, you will benefit from a unit that is 30% shorter and 23% lighter. The result is unparalleled balance and comfort, while still giving the performance of the famous MX: constant power, perfect control of the speed, torque and reversing the direction of rotation.

Thanks to Smart Logic electronic control, the MX2 is exceptionally stable and powerful, even at low speeds (100 rpm). This means just two instruments are required to carry out all operations. The MX2 LED proves itself to be the ideal companion for endodontics.

Despite its compact size, the MX2 has proven to be as reliable and robust as its predecessor, the MX micromotor.

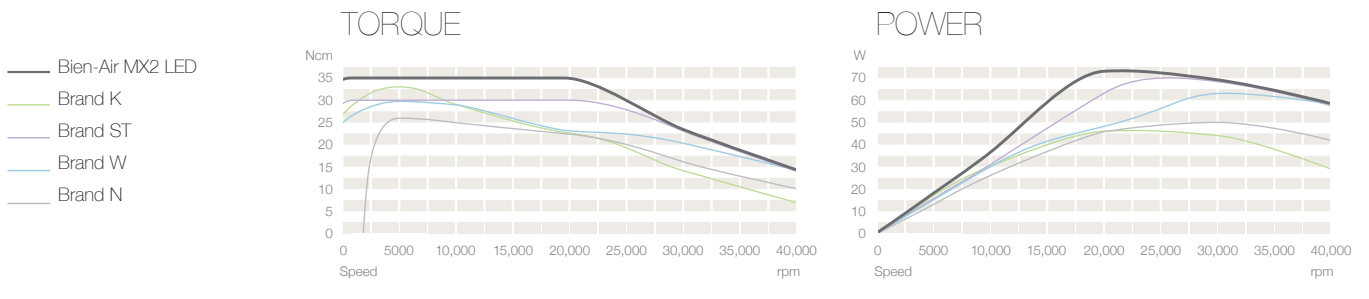
Thanks to its ball-bearings that are lubricated for life, the MX2 is sterilisable and yet maintenance-free. For further optimised hygiene and implementation.

Bien-Air
SWISS MADE



MX2

MX2 MICRO-SERIES MICROMOTOR THE LITTLE PRODIGY

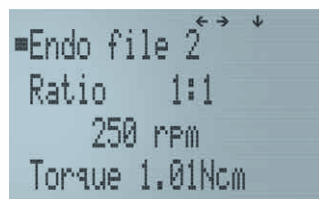


7

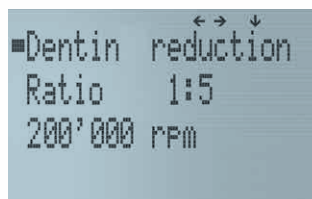
The MX2 is not just the most powerful dental micromotor on the market, it also offers perfect regulation. Thanks to the Smart Logic electronic control, the power is automatically regulated, adapting immediately to variations in pressure, even during complex endodontic, prophylactic or restorative procedures. For these kinds of operations, the MX2 offers an exemplary level of safety thanks to the subtle control of the NiTi tool's speed of rotation and automatically manages the reversal of the direction of rotation. The torque and speed can be accurately configured with the greatest of ease.

The MX2 hose is manufactured with the same dedication to efficiency and longevity as its dedicated micromotor. It is the perfect combination of flexibility and resistance to wear. The connection to the MX2 micromotor rotates over around 200°, guaranteeing excellent freedom of movement. Each hose is designed, assembled by hand and individually tested in Switzerland.

OPTIMA^{INT} TAKE CONTROL



■Endo file 2 ↔ ↓
Ratio 1:1
250 rpm
Torque 1.01Ncm



■Dentin reduction ↔ ↓
Ratio 1:5
200'000 rpm

The Optima^{INT} and its MX2 micromotor guarantee perfect control of the tool, managing the speed, torque and reversal of the direction of rotation. Providing the ultimate speed and torque control, the Optima^{INT} and DMX2 control units with Smart Logic technology are capable of exploiting to the fullest the outstanding capacities of the MX micromotors.

Thanks to its Easy-Nav philosophy, the Optima^{INT} is incredibly intuitive and adapts to most dental chairs. It is ideal if you want to upgrade your pneumatic chair to bring it into the electronic age. Quite simply, it offers the best Swiss engineering.

Optima^{INT} is particularly versatile. This control unit offers pre-programmed modes for all the main restorative operations and for endodontics. A true all-in-one system, it also makes your life simpler: two contra-angle handpieces are sufficient to perform the vast majority of dentistry operations. This results in improved comfort as well as a time saving. The Optima^{INT} interface has 10 pre-programmed sequences for endodontic operations and 10 sequences for restorative operations.

You can perform your root treatments in complete safety. The Optima^{INT} has been designed to reduce the risk of NiTi instrument breakage to a minimum, by means of the auto-reverse function.

With DMX2 Pro, the control system for your unit also controls the MX2 micromotor. Your distributor-installer is able to upgrade your electric or air-powered unit to MX2 technology. This will allow you to combine a high-performance tool with your usual unit control.

OPTIMA

Endo file 2
Ratio 1:1
250 rpm
Torque 1.01Nm

SWISS MADE

REV SETUP SAVE

▲
◀ OK ▶
▼

OPTIMA

Dentin reduction
Ratio 1:5
200'000 rpm

REV STOP END STOP

Bien-Air Dental



OPTIMA^{NT} Sets

Main functions modifiable at all times

Selection of one of the 40 programmes, actual instrument speed, adjustable torque, handpiece ratio, with or without lighting, light intensity, selection of 5 languages

Optima ^{NT} set with DMX2 Pro Endo for 1 micromotor	Ref. 1700386-001
Optima ^{NT} set with DMX2 Pro Endo for 1 micromotor	Ref. 1700390-001 (with transformer)
Optima ^{NT} set with DMX2 Pro Endo for 1 micromotor	Ref. 1700391-001 (with converter)
Optima ^{NT} set with DMX2 Pro Endo for 2 micromotors	Ref. 1700392-001 (with converter)



DMX2 Sets

DMX2 Pro Endo set for 1 micromotor	Ref. 1700379-001
DMX2 Pro Endo set for 1 micromotor	Ref. 1700380-001 (with converter)
DMX2 Pro Endo set for 2 micromotors	Ref. 1700381-001 (with converter)

10



MX2 Micro-Series

Type	Brushless, with internal spray
Max torque	3.5 Ncm
Speed range	100-40,000 rpm
Weight	94 gr
Coupling	Compatible with Type E as per ISO 3964 and Micro-Series
Light	LED with adjustable intensity
Max noise level	53 dBA, compliant with ISO 11498
Cleaning/Sterilisation	Sterilisable without protection
Ref.	1600677-001



MX2 hose

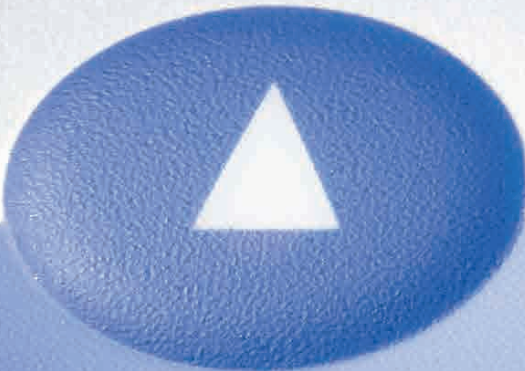
Type	A coupling rotating over 400°, in grey silicone
Diameter	10 mm
Standard length	1.7 m
Ref.	Ref. 1600700-001

ETUP

SAVE

ESC

Bien



OK



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

Bien-Air France Sàrl
19-21, rue du 8 Mai 1945
94110 Arcueil
France
Tel. +33 (0)1 49 08 02 60
Fax +33 (0)1 46 64 86 68
ba-f@bienair.com

Bien-Air España S.A.U.
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
8861 Research Drive
Irvine, CA 92618, USA
Phone 1-800-433-BIEN
Phone 949-477-6050 Fax
949-477-6051
ba-usa@bienair.com

Bien-Air UK Limited
Arundel House
Unit 1 - Ground Floor
Amberley Court Whitworth
Road
Crawley, West Sussex
RH11 7XL, England
Tel. +44 (0)1293 550 200
Fax +44 (0)1293 520 481
ba-uk@bienair.com

Bien-Air on Internet:
www.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 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 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 (製造販売元)
〒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

www.club-bienair.com
Enjoy a range of benefits

