

LED
TECH



MP3020 MEDICAL LED LIGHT

NEW



Medical Device complies to
the directive 93/42/EEC
FARO SPA Ornago (Italy)



SINCE 1948: EXPERIENCE
AND INNOVATION

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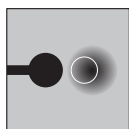
12-MONTH-GUARANTEE

A big spotlight, a great versatility of use.

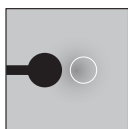
From the great FARO experience is born MP3020, a light with a very large illuminated field and the same standards of excellence that characterize all the lamps of the FARO LED TECH range. Many users of scalytic lights, for example in the medical, veterinary, podologic and aesthetic fields, require a spot much larger than the one usually required for the dental lights.

MP3020 is a powerful LED technology scalytic light, specifically designed for different uses, particularly in the areas:

- MEDICAL
- VETERINARY
- PODOLOGIC
- AESTHETIC



Minimum dimension of the sharp shadow required by standards: Ø 12mm



MP3020 scalytic effect generates an ellipse of only 9x6 mm

Patented optical project with reflected light.

MP3020, thanks to the exclusive optical project with reflected light and through the 516 small reflecting facets included in each of the two parables, avoids the direct vision of the 2 LEDs, creating a 300 x 200 mm spotlight area absolutely uniform.

NEW progressive adjustment of the illuminance.

The new electronic control of the illuminance, activated by joystick or sensor, adjusts the light from maximum to minimum power without any interruption, keeping the colour temperature constant.



ELECTRONIC CONTROLS

- Switching control and dimming: micro-joystick on the head
- Switching control and dimming version also from unit, or by foot control
- Electronic lighting adjustment by microprocessor
- Remote control from the unit: allows to repeat all joystick functions
- Automatic memorization of used light intensity, also after switching off the unit's power
- Sound signal at minimum and maximum light intensity
- Exclusive 'one touch' regulation to reach the minimum intensity with a simple 'click'



3-D ROTATION

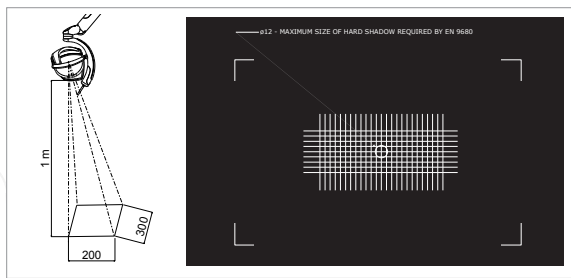
The perfect balance, combined with the unique patented 3-D rotation on the optical axis of the head, provides the best accuracy of the beam orientation, reducing the risk of accidental glare on the patient.



NEW

The spot of MP 3020.

A spot of **30 x 20 cm** (with the light placed at 1 meter of distance) and an illuminance of **40.000 lux**, make **MP3020** suitable for multiple uses providing a **great versatility**.



LED THE LED TECHNOLOGY

TECH (LIGHT EMITTING DIODE)

LED technology is the present and the future of lighting: the light is obtained by a flow of electrons that goes through a semiconductor material generating very little heat at constant light flow. Because of their simple design, LED lamps are virtually maintenance free, have a great luminous efficiency and incomparable durability.

S-FX

SCIALYTIC EFFECT: ellipse of 9x6mm
(typical value subject to tolerance)

LUX

ILLUMINANCE: from 3.000 to 40.000
(typical value subject to tolerance)



EXTERNAL POWER SUPPLY

NEW

As an option, a new small external power supply "world wide range" allows MP3020 to connect directly to the network. The power supply can be easily placed in the unit or in the ceiling application.

TECHNICAL FEATURES

- OPTICAL SYSTEM PATENT N. 1847762
- 3-D OPTICAL AXIS ROTATION PATENT N. 1847762
- DESIGN PATENT N. 000690862-0001

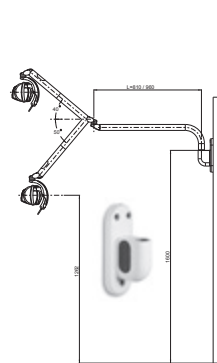
GENERAL FEATURES*

Power Supply with/without power pack	90-264 Vac - 47-63Hz / 17-24 Vac - 50-60 Hz 22-35 Vdc
Absorbed Power	max 23 VA
Lux	da 3.000 a 40.000 (from the distance of 1 m)
Lighting spot	300 x 200 mm (from the distance of 1 m)
Cooling System	static heat sink (no fan required)

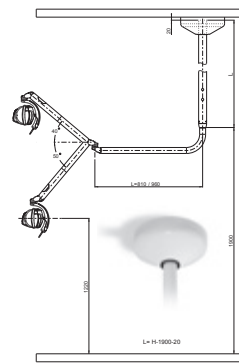
Medical Device complies with Directive 93/42/EEC and s.m.i. - Medical devices - class I - Applied Standards: EN 60601-1, EN 60601-1-2,, EN 62471; Guaranteed 12 months
*(The above specifications are typical values subject to tolerance)



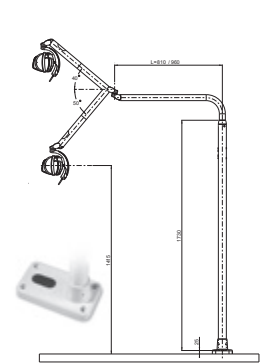
Thanks to a wide range of accessories **MP3020** is available for **WALL**, **CEILING** and **FLOOR** applications.



WALL APPLICATION



CEILING APPLICATION



FLOOR APPLICATION



SINCE 1948: EXPERIENCE AND INNOVATION

BEHIND THE TECHNOLOGY

Faro's core business is the result of the best Italian technology and the daily commitment of many people working to shape excellent products, designed on the real ergonomic needs of the dentists and their patients.

FARO S.p.A. founded in 1948 by Osvaldo Favonio, designs and produces equipment for the manufacturer of dental units, dental cabinets and dental laboratories. In over 5,000 square meters of the production plant in Ornago (MB), both the production and the design and research & development take place.

Over the years, the Company has earned the position as world leader in the specific sector, a role gained thanks to the technology and design research and the ability to understand the real needs of end users. Total quality, assured by the internal management of the entire production cycle and by a qualified and efficient pre- and post-sales service. FARO experience best expresses the pride of a total-made-in-Italy product.

The **six product lines** that we are producing and marketing offer a **full range of solutions** for the construction of the medical and dental laboratory



ILLUMINATION

LED AND HALOGEN

includes several models of lamp, made with LED and HALOGEN technology;



APPLICATION SETS

AND COMPLEMENTS

essential for the positioning of the lamps and related accessories on the dental unit and inside the cabinet;



STERILIZATION

AND WATER TREATMENT

includes class B autoclaves, distillers, and systems for the treatment of water;



INSTRUMENTS

FOR DENTAL CABINETS

turbines, syringes, handpieces and contra-angles;



COMPONENTS

FOR DENTAL UNITS

a complete line of components, accessories and spare parts intended for dental units;



INSTRUMENTS

FOR LABORATORIES

motors, handpieces and trimmers;

We can also customize our products to meet specific demands. For a custom project, please contact our Customer Service.



SINCE 1948: EXPERIENCE
AND INNOVATION

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Certified Company



ISO 9001:2008 ISO 13485:2003

INFO LINE:

