

Pearl

Professional whitening



Professional whitening lamp

Tecno-Gaz has created Pearl, a new and highly-evolved device that is the ultimate in whitening systems on the market today. Pearl uses a wavelength between 480 and 520 nm. The lamp has a special screen that allows for the absorption of ultraviolet and infra-red light, preventing the heating up of pulp and mucous membranes, avoiding or reducing their sensitivity.

The device has a rapid polymerisation function for use on the protective liquid dam. Pearl has been created to take up very little space, the base is solid, stable and balanced and fitted with wheels that can be easily moved. The lamp has a full rotation system allowing it to be positioned as desired.

Unique characteristics



Treatment times

Treatment times are an important aspect of whitening techniques.

In truth, there are no pre-set times, as the treatment is subject to many factors such as:

- the original colour of the teeth
- the desired result
- the desired number of sessions
- the sensitivity of the individual patient
- how the dental surgery wishes to define this service

Nevertheless, Pearl allows considerable results to be obtained with a total treatment time of 20 minutes, split into 2 sessions lasting for 10 minutes each.



Pearl LCD screen

A wide liquid crystal display allows for all the functions of the device to be seen and monitored. The machine has an electronic control that manages treatment times, pauses and start-up.



Ask the expert

Who needs this?

All dentists.

Art. 4450KS

Why PEARL:

It is a **MADE IN ITALY** product that has been completely designed and created by Tecno-Gaz S.p.A. who guarantees the product over time. **PEARL** allows for a complete treatment time of 20 minutes split into 2 sessions lasting for 10 minutes each, but with just one layer of gel, ensuring a considerable cost and time saving. **PEARL comes complete with video instructions** to guarantee correct and straight-forward service by the operator, and in order to obtain maximum results.



Frame and click! Use your mobile phone to get further information about this issue.



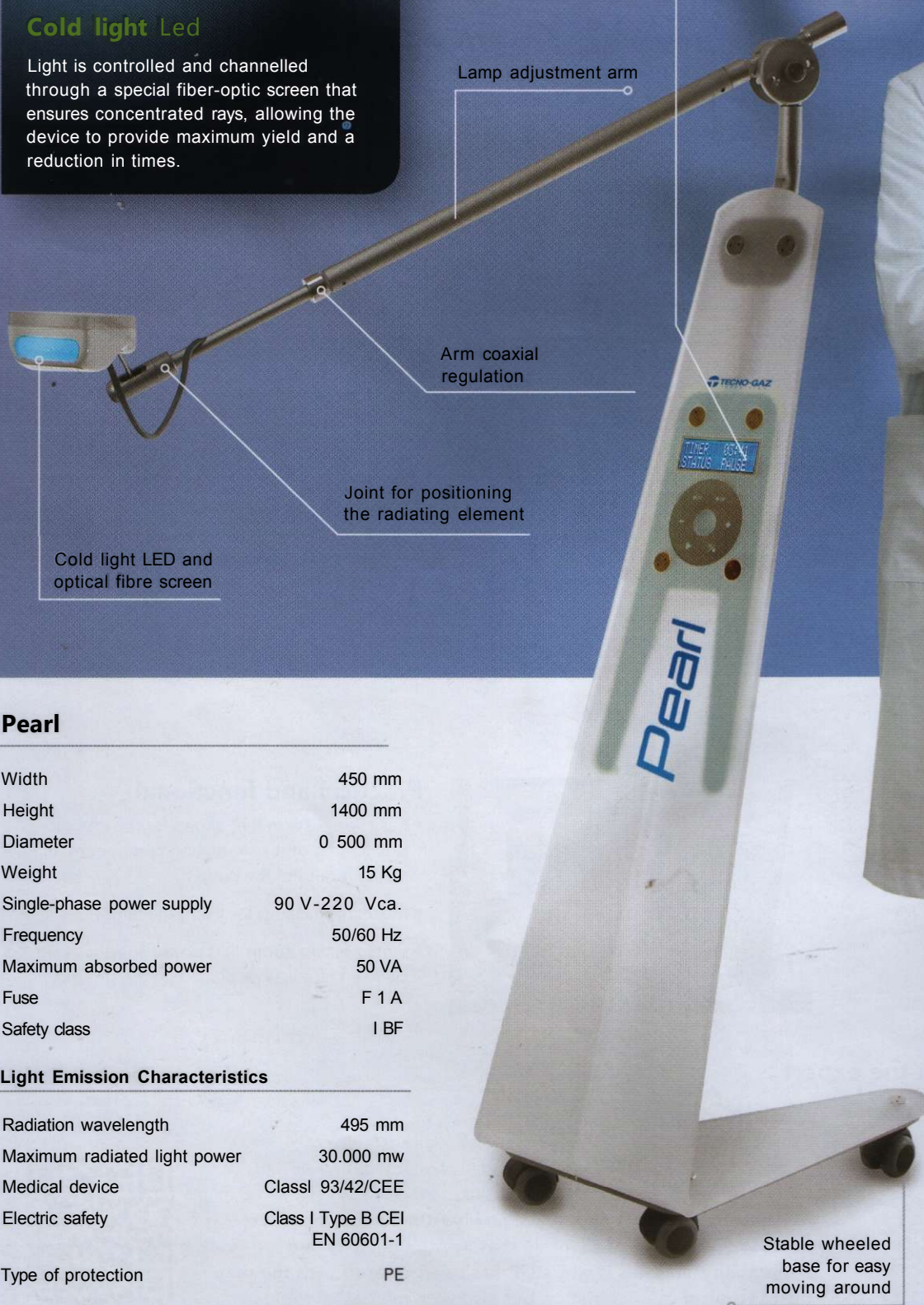


Whitening agents



Cold light Led

Light is controlled and channelled through a special fiber-optic screen that ensures concentrated rays, allowing the device to provide maximum yield and a reduction in times.



Pearl

Width	450 mm
Height	1400 mm
Diameter	Ø 500 mm
Weight	15 Kg
Single-phase power supply	90 V-220 Vca.
Frequency	50/60 Hz
Maximum absorbed power	50 VA
Fuse	F 1 A
Safety class	I BF

Light Emission Characteristics

Radiation wavelength	495 nm
Maximum radiated light power	30.000 mw
Medical device	Class I 93/42/CEE
Electric safety	Class I Type B CEI EN 60601-1
Type of protection	PE