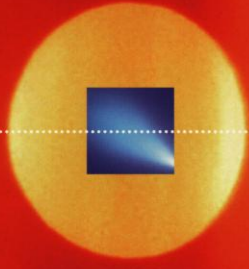


**THE APOLLO 95 E  
curing was never so  
easy and comfortable**



# APOLLO plasma technology:



# 30 times faster in curing

**P**lasma is undoubtedly the most fascinating and promising technological discovery during the last 10 years. Plasma is the 4th state of matter and is in fact as old as the universe itself. Plasma is the source of the sun's energy. However, it was not until recently that scientists were able to find a practical use for it. Apollo 95 E uses a high-frequency electrical field to generate its plasma energy. The matter is thus transformed into a mixture of ions, electrons and molecules. The large amount of energy released during this process is ideal for the curing of photo-sensitive polymer composites.

**A**pollo reduces the annoying wait for the patient and the dentist from 30 to 40 seconds to barely a few seconds. Some composites cure completely within 1 second. This is due to the plasma's high energy intensity. **Apollo 95 E enables the average dental practice to save about 10 hours a month: 10 hours of annoying waiting.** With the total absence of UV light and less than 3% infrared, the plasma light is extremely safe for the pulp and is made even more so by the short exposure time, which is electronically controlled to eliminate any risk of error.

This short exposure time also indirectly enhances the quality of the restoration; the risk of contamination decreases dramatically. Unlike halogen lamps, the Apollo 95 E plasma lamp is not subject to ageing: the energetic intensity remains constant during the entire life of the lamp.



The ultra-short exposure time of the Apollo 95 E dramatically increases the comfort for the dentist and the patient.

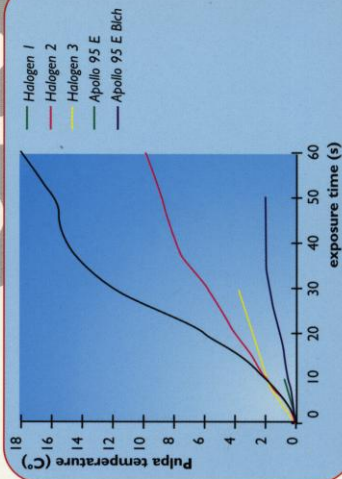
**DMDS**  
Dental & Medical Diagnostic Systems, Ltd.  
Public company trading on the NASDAQ. DMDS



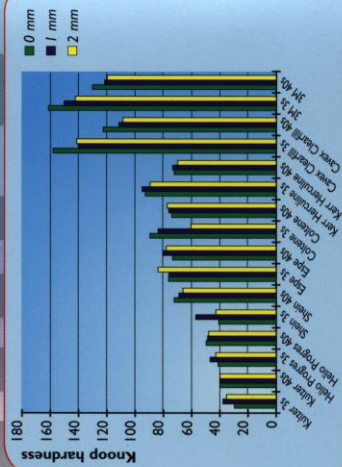
# APOLLO 95 E: scientifica

**A**pollo 95 E not only increases the speed of the polymerisation, but also the quality of the restoration. Moreover, in less than 3 seconds, the unit creates a more homogenous polymerisation, that exhibits less shrinkage and shrinkage stress.

Furthermore, Apollo 95 E is suitable for all applications for which you presently use halogen light or laser polymerisation, such as composite restorations, crowns, brackets, etc.



Halogen light increases the temperature of the pulpa by 14 °C (60-second treatment). Using the Apollo 95 E, the temperature increases by 2.2 °C (4-second treatment).



The KNOOP hardness after polymerisation with the Apollo 95 E for 3 seconds is significantly higher for most composites than after polymerisation using halogen for 40 seconds. And this does not depend on the thickness of the layer (0.1 or 2 mm).

15KV X2400

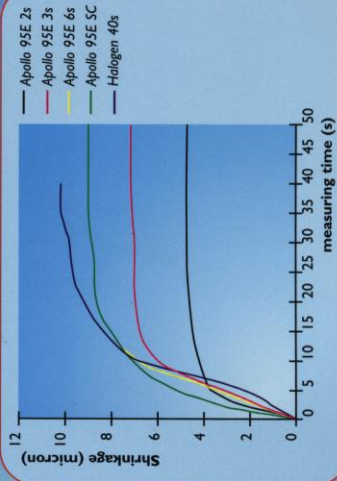
# ily endorsed quality

**Ψ** You don't have to use a new composite to enjoy the many benefits of Apollo 95 E. Apollo 95 E has been tested and found to be effective for all leading composites available.

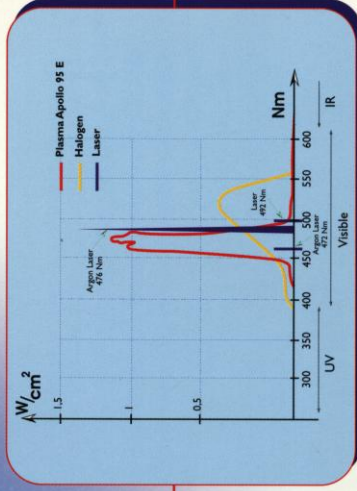
This is because plasma energy distributes intense energy across a wider frequency than laser (see diagram). The range of composites that can be cured by plasma is therefore much wider, and also includes material composites, cements, etc.

DMD has also developed a comprehensive package of the best composite materials, etching gels, dentin bonding agents, sealants and related accessories. The products, under the name 'Apollo Cure', were specially developed for the most effective and fastest polymerisation.

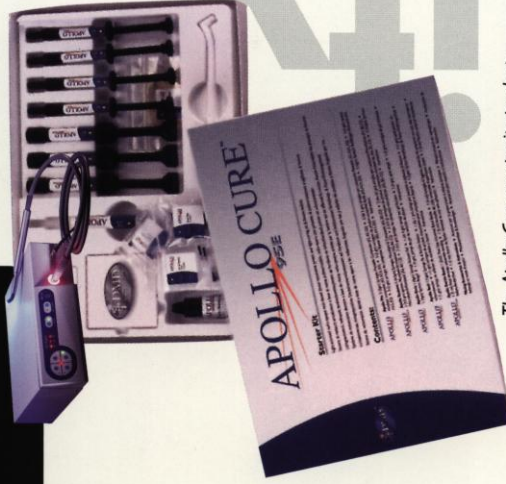
## The Apollo 95 E is suitable for all leading composites on the market



The faster polymerisation using the Apollo 95 E can reduce the shrinkage of the composite.



The wide spectrum of intense energy enables you to cure almost all composites with the Apollo 95 E.



The Apollo Cure composite products have been specially developed for the Apollo 95 E. They therefore guarantee the best curing results.



# Apollo 95 E enables you to whiten a



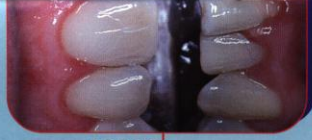
**T**he Apollo 95 E can also be used to whiten teeth. In combination with the specially developed 'Apollo Secret Whitening Gel', you achieve the best results in the shortest possible time.

# Bleachi

**A**n in-office bleaching treatment with 'Apollo Secret Whitening Gel' in less than 40 minutes !  
This revolutionary new product introduces a new standard for bleaching in the dental industry. Apollo In-Office Secret Power Whitening introduces a new formula, without dam, with no discomfort to the patient and is the fastest and most comfortable procedure yet.



before



after

*Before and after: only 40 minutes between the two photographs.*

# patient's teeth in less than 40 minutes

**S**peed is only one of the many advantages that Apollo In-Office Secret Power Whitening has for your practice as well as your patients. Just like all Apollo Secret Power Whitening treatments, the procedure is easy and comfortable for the patient and for you. Your patients will express their appreciation and gratitude for the immediate and noticeable colour improvement.

Apollo Secret In-Office Power Whitening Gel is a 35% hydrogen peroxide gel specially developed for use with the Apollo 95 E plasma lamp.

## In-office bleaching with 'Apollo Secret Whitening Gel' in less than 40 minutes

**I**n addition to the in-office treatment, there is also the Apollo Secret Personal Whitening which is easy, comfortable, fast and remarkably effective. Remarkable because your patient only requires 30 minutes per day to perform the complete treatment. The combination of a bleaching gel, a whitening toothpaste and a mouth-rinsing agent guarantees the success of the Apollo Secret Personal Kit.

Apollo Power Whitening, under your own supervision, is not only much faster, but also prevents irritations to gums and the pharynx.

## The unique formula used for Apollo Secret Whitening prevents over-sensitivity





# Apollo 95 E - the unrivalled advantage

■ Tested and approved by various Universities & Independent Laboratories, such as: Bertin Laboratory, Paris - Ecole des mines d'Ales, Paris - SICN, Grenoble - University of Southern California (USC).

■ Significant time saving for patient and dentist (approximately 10 hours per month)

■ Tested and proven effective for all leading composites

■ **CE**-approved

■ Approved as medical equipment

■ No UV light, only 3% infrared

■ Easy to use, no training needed

■ Can be sterilised in an autoclave

■ Developed and manufactured in Europe

■ 300 watt total power

■ 1 year warranty on the lamp



**DMDS**  
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