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Dental Products Report Europe



Non-Invasive Caries Removal Instrument

Designed for use with the Carisolv caries removal gel, the non-invasive Carisolv Power Drive system is suitable for cases where anesthetic cannot be given or for treating root caries, deep cavities at risk of pulp exposure, and on young patients. The system features a portable, foot-controlled drive unit that connects to an autoclavable contra-angle handpiece. The control unit offers clear



www.mediteam.com
Select 1.

light indicators for rotational direction of the handpiece tips. The handpiece tips work both in a clockwise and counter-clockwise rotation to control the cutting action for gentle scraping motions at the edge of the dentin to remove the caries. Mediteam Dental AB, Sweden
Telephone: (46) 313369100

Restoration Repair Kit

The Ceramic Repair kit is designed to allow the rapid intraoral repair of ceramic crowns, bridges, and veneers without the need for hydrofluoric acid. The kit con-



The IGI computer-aided implant planning, navigation, and imaging system is designed to simplify implant placement. Described as economical and simple to learn, the unit allows dentists to precisely plan the procedure on three-dimensional images of the



patient's jaw which are created based on the patient's CT results. When surgery begins, the position of the patient's jaw is superimposed on the three-dimensional image and the images are synchronized to ensure successful procedure outcome. An overhead tracking system with an infrared camera works with a handpiece that tracks motion to show dentists the implant insertion path in real time on a computer screen. This permits dentists to avoid damage to critical structures while placing the implant in the optimal location. DenX Limited, Israel
Telephone: (972) 26417748
www.denx.com
Select 5.

Computer-Aided Implantology System

Fissure Sealant

March/April 2001

TP# 18/04/02

ICL

M E J 2001

ains three 4-gram syringes of Composan
CM microhybrid composite formulated
o provide exceptionally strong adhesion
to the ceramic/metal surface. It also in-
cludes three 0.3 ml bottles of silane; three
-inders; a 5.0 ml bottle of light-
-ring opaquer liquid; a 10-gram con-
-ainer of opaquer powder; and accessories.



Promedica Dental Material GmbH,
Germany
Telephone: (49) 432154173
www.promedica.de

Select 2.

Endodontic Motor/Handpiece



Endo DTC (Digital Torque Control)
Model AEU-25 endodontic system features
torque measuring system that is designed
reverse file rotation automatically to min-

imize instrument breakage and reduce pro-
cedure times. Other features include a brush-
less 30,000-rpm motor with footswitch and
an on-board calibration system that meas-
ures the efficiency and wear of both the
handpiece and motor to ensure accurate
operation. The unit includes five program-
mable settings for customizing speed and
torque settings as well as factory presets.

Aseptico, U.S.
Telephone: 425-487-3157
www.aseptico.com

Select 3.

Intraoral Camera

uitable for intraoral and extraoral
e, the ElcaCam digital intraoral
camera is designed for easy integra-
on into dental units. Its titanium
ndpiece employs a direct white
ED light source that eliminates the
ed for an external light box and re-
rnedly stays cool during operation.



Described as highly sensitive, the cam-
era's CCD is coupled with an optical
assembly of seven lenses to provide a
large depth of field for exceptional im-
age quality in all working modes—
macro, intraoral, and extraoral.

Anthos, Italy
Telephone: (39) 0542621511
maria.teresa.cavallera@cefla.it

Select 4.

Admira Seal ormocer-based light-curing
fissure sealant is formulated to offer bio-
compatibility and minimal shrinkage. The
material is described as having good flow-
ing and wetting properties to ensure pen-
etration into the finest details; its 54%
filler and special ormocer matrix are said
to prevent dripping, especially in maxi-
lary applications. The combination of op-
timal transverse strength with low shrink-
age characteristics reportedly produces
minimal inner tension on the tooth struc-
ture and enhanced sealant retention. The
white-opaque sealant also contains an ad-
hesive ormocer to bond to enamel with-
out any additional adhesive. Its syringe de-
livery system provides precise and smooth



dosing through an extra-fine metal can-
nula. The material comes in a package
containing two 1.8-gram syringes and an
application cannula.

Voco GmbH, Germany
Telephone: (49) 47217190
www.voco.de

Select 6.

Programmable Cordless Curing Light



output for conventional, soft-start, rapid, and
pulsed polymerization. The curing light
controls allow the operator to customize the
correct exposure profile according to the
type of material being polymerized. Cur-
ing profiles of existing and future visible
light curing materials reportedly can be
installed directly into the unit via the In-
ternet, a memory card, or barcodes. The
bulbless light is said to generate minimal
heat, eliminating the need for a fan.

GC Europe N.V., Belgium
Telephone: (32) 16398411
www.gceurope.com

Select 7.

The e Light cordless curing light is de-
signed with an efficient Light-Emitting-
Diode (LED) light source for controlling
lamp curing time, wavelength, and power