

Technical Sheet

DeVA-1™
OraVu®



PRODUCT INDICATION

Product type	Intra-oral micro-endoscope system
Indication	<ul style="list-style-type: none">• Advanced periodontitis, including Class 1 and 2 furcations• Peri-implant residual cement deposits• Assessment of subgingival areas for root fractures and caries

PRODUCT PROPERTIES

Origin	Manufactured in the United States of America
Storage temperature	0°C – 37°C
Product specifications	<ul style="list-style-type: none">• 120-240 VAC, 50-60 Hz power supplies provide 12VDC maximum power to the Master Control Unit and the Tablet display• Master Control Unit, 275 mm x 171 mm x 102 mm• Overall weight 7 kg• Operating System: Windows 10• Software (OPUS™)• LED illumination light adjustable to maximum of 200,000 LUX• Micro-Fiberoptic endoscope about 1mm in diameter with 3.3micron fibers, equivalent to 12 Mp camera sensor• Li-Ion smart battery and internal charger. Cannot be over charged or over discharged. Will operate up to 7 hours without recharging or can operate with external power connected. Hot switch capable• One-Time-Use (OTU) factory sterilized sheath to protect endoscope from contamination and precludes need to sterilize endoscope• Two versions: One with 5-wheel stand for most dental operatories or the transportable version with folding stand that will fit into a hard sided Roll-a-Board, TSA sized to fit in aircraft overhead compartment• CE Mark• Registered with FDA
Component Parts	<ul style="list-style-type: none">• Master Control Unit• Windows 10 Tablet Display• 3 joint fully articulated arm allows full flexibility of display position• 5-wheel or Folding stand for transportability• Factory Sterilized One Time Use ViRSS™ sheaths• Dental Xplorers™ in six configurations to provide insertion to any tooth surface
Sterilization / Disinfection	<ul style="list-style-type: none">• One Time Use Sheaths are Factory sterilized and disposable• Endoscope requires no Sterilization but can be disinfected with standard products used in dental operator• DeVA-1™ Master Control Unit and Display can be disinfected with standard products already in use in the dental operator
Shelf life	<ul style="list-style-type: none">• DeVA-1™ System should last a minimum of 5 years• ViRSS™ Sheaths are good through Expiration Date (1 year)
Regulatory status	<ul style="list-style-type: none">• Registered with FDA• CE Mark
Entry on the market	August 2018 after 20 months of use in four dental practices in Nevada, Arizona and Utah (USA)

MANUFACTURING

Production process

Assembly consists of unique design components manufactured in the United States. All but one of the sub-assemblies are manufactured in the US as well and only one sub-assembly is from Japan. Metal parts are machined. Assembly is in Arizona

Packaging

Corrugated material about 0.6 m × 1.2 m × 0.15 m

AVAILABLE PRODUCT LINE

DEVA5W0100	DeVA-1™, 5-wheel system – USA	VIRS000500	ViRSS™ Sheath 1 Box of 5 each Sheaths
DEVA5W0100E	DeVA-1™, 5-wheel system – EU	VIRS002500	ViRSS™ Sheath 1 Case of 5 each 5 Count Boxes, 25 Count
DEVAEU0100	DeVA-1™, Euro Model, Less Stand, Display, Sheaths & Xplorers – USA	XPLR0L0100	Xplorer™ Individual Unit, Left Configuration
DEVAEU0100E	DeVA-1™, Euro Model, Less Stand, Display, Sheaths & Xplorers –EU	XPLR0R0100	Xplorer™ Individual Unit, Right Configuration
DEVAPB0100	DeVA-1™, Portable system – USA	XPLRLL0100	Xplorer™ Individual Unit, Left-Left Configuration
DEVAPB0100E	DeVA-1™, Portable system – EU	XPLRLR0100	Xplorer™ Individual Unit, Left-Right Configuration
DEVAPW01KT	DeVA-1™, Conversion Kit, Portable 5 Wheel Stand	XPLRRL0100	Xplorer™ Individual Unit, Right-Left Configuration
DEVAWP01KT	DeVA-1™, Conversion Kit, 5 Wheel to Trans-Portable Stand with Case	XPLRRR0100	Xplorer™ Individual Unit, Right-Right Configuration
EN10DV0100	10k Endoscope	XPLRSET6PK	Xplorer™, Set One Each of All Six Configurations
ENCPDV0100	Endoscope Lens Coupler		
LINBDV0100	Li-Ion Battery Smart Battery (electric accumulator)		

HOTLINE

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