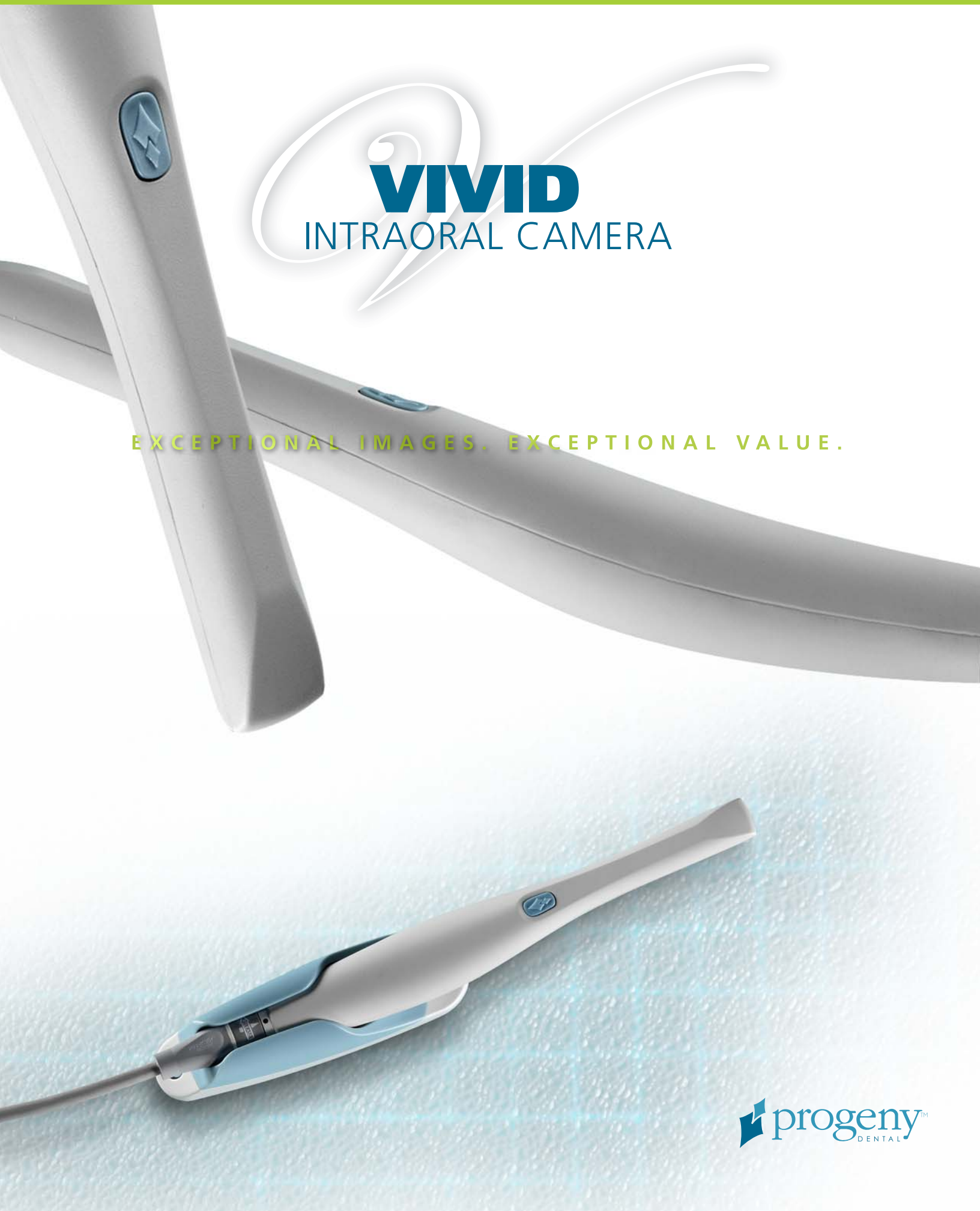
VIVID
INTRAORAL CAMERA

EXCEPTIONAL IMAGES. EXCEPTIONAL VALUE.



progeny™ DENTAL

Exceptional Images. Exceptional Value.

[VIVID]

Intraoral Camera

High tech inside; soft-touch outside

- Unique, state-of-the-art camera hand piece design
- Lightweight ergonomic design fits all hand sizes comfortably
- Raised control button gives instant feed back
- Capture button functions on release for added stability
- 6.5-foot camera cable provides ample reach
- Foot pedal option available
- Three camera cable lengths available:
  - 6.5 feet (2m) standard
  - 10 feet (3m) or
    30 feet (9.1m) optional

Capture bright, true-color images

- Color-balanced, high intensity 8-LED light array provides bright, true to life images
- Optimized depth-of-field captures close-ups and arch in detail without the need to manually change focus
- Progeny designed optics and video stream produces a smooth, high-quality image

[Rail mount]

[Rail mount]

Choose the mounting option right for your practice. Every Vivid System includes both a wall/counter top cradle and a delivery unit mount that can be attached directly to your hand piece delivery system.

USB 2.0 for simple plug & play installation

Vivid is the easy-to-install, easy-to-use choice for intraoral exams. The powerful simplicity of USB 2.0 speeds installation on both XP and Vista Operating Systems and puts your Vivid Camera to work for you within minutes. Extended depth of field, easy capture functionality and convenient portability make Vivid an excellent choice for every digital practice.

Unique "comfort curve" design makes a full mouth survey effortless, even reaching the hard-to-access third molar with ease.

Capture images with Progeny Imaging Software

- Displays and saves images as you work
- Tile selected images for on screen comparisons and patient education
- Magnify areas of interest with "spotlight" tool
- Unique Color Chart included. Use to balance monitor color output for optimized image color

Vivid can be used with many popular imaging software programs. Contact your Progeny representative for a complete list.

VIVID INTRAORAL CAMERA

SPECIFICATIONS

Power Input	Powered via USB 2.0 110-230 V: Optional USB Hub 50-60 Hz
Light Source	8 high intensity, color balanced LEDs
Light Intensity	1120-1400 mCD
Optics Focus Type	Glass
Image	*Video*: Sony 1/4" CCD Chip *Resolution*: NTSC—525 lines; PAL—625 lines *Type*: True *Scanning*: 2 to 1 interlaced *Output Signal*: USB Video 640 x 480
Focal Range	5mm to 50mm
Angle of View	*Field of View*: 45 degrees *Viewing Angle*: 90 degrees
Dimensions & Weight	
Handpiece length	20 cm
Handpiece diameter	25 mm
Cable length	6.56 ft (2 m) 10 ft 3m) Optional 30 ft (9.1m) Optional
Module	16.4 cm x 10.7 cm x 3.3 cm
System total weight	0.6 kg
Handpiece weight	80 grams

SAFETY

Camera Operating Temperature	+10 to +40 o C (+50 to +104o F)
Storage Temperature	-30 to +85o C (-22 to 185o F)
Relative Humidity	5% to 95% non-condensing
Altitude	0-10,000 feet
Cooling	Convection cooling to ambient air

EMC Ratings
Complies with following standards:
- EN60601-1 Product Safety
- EN60601-2 EMC Immunity
- EN55011-Class B EMC Radiated and Conducted Noise
- 93/42/EEC-European Medical Device Directive

Computer requirements	
CPU speed	2GHz or better
Operating System	Vista, Windows XP with Service Pack 2
RAM	512 MB minimum
Hard Drive	40 GB
USB ports	2 minimum
Monitor recommendations	
Resolution	1024 x 768
Contrast ratio	450:1, .22 dot pitch capability

Specifications subject to change without notice.

Each Vivid Camera System includes a Camera, Camera Cable, USB cables, USB Power Module, Installation Software, Wall Mount, Delivery System Rail Mount, USB Port Hub, Color Correction Card and a sample pack of sanitary sheaths.

progeny™ DENTAL

More Than Imaging. Excellence.

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For more information, contact your Progeny representative today.