



PENTAX Medical FEES® Solutions

Focused on addressing the needs of Dysphagia specialists

PENTAX
MEDICAL



Comprehensive FEES® solutions from PENTAX Medical

Offering innovative, full-featured solutions for voice and dysphagia specialists practicing in a variety of clinical environments.

Digital FEES

Instantaneous Review and Improved Workflow

The PENTAX Medical Digital FEES System is ideal for use in a hospital environment, speech clinic, or office setting. It's a complete system with video and audio captured concurrently and recorded directly to computer storage, for instant exam retrieval and playback.



Playback features include quick and easy access to any exam segment, frame-by-frame jogging, real-time and slow-motion playback rates, and side-by-side review of two different exams for comparison of patient performance over time. Still images can be captured and stored with each exam, and patient data and exam findings can be entered and stored in the built-in patient database or transferred to a PACS system via the available DICOM option.

Digital FEES Key Features:

Complete FEES system, with digital recording, playback, and exam storage

Bright, 150W Halogen light source

Built-in patient database and report generator for clinical efficiency

Compatible with DICOM, endoPortal, and endoServer™ network solutions

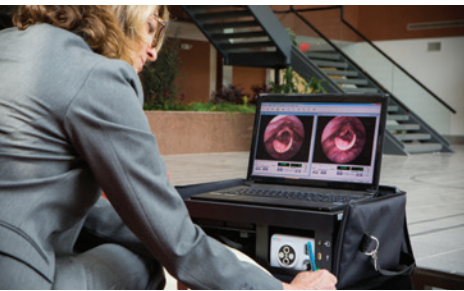
Component	Key Features	Key Specifications
Camera	CMOS sensor technology Provides SD and HD output	640 x 480 or 1920 x 1080 output
Light Source	Excellent illumination compatible with rigid and flexible scopes	150 watt halogen lamp Compact size
Recording Module	Built in exam database Removable hard drives for exam archiving	3 terabytes of storage
Processor	Compatible with K series videoscopes	100-watt xenon High resolution output



Portable FEES

Total Mobility and Full Functionality

The PENTAX Medical Portable FEES System is a complete and full-featured system for digital recording, storage, and playback of FEES exams. Its lightweight, compact design is ideal for use in hospitals, nursing homes, or other clinical environments where portability is required and space is at a premium.



Equipped with a high-performance laptop and custom software, all data can be exported to the Digital FEES System for inter-facility assessments. All components are conveniently housed in a protective case that is easily transportable for convenient and quick set-up at a patient's bedside.

Portable FEES Key Features:

Complete FEES software functionality allows for export of exams to Digital FEES database

Compact, long-life LED light source

Built-in patient database and report generator for clinical efficiency

Archiving of exams to external hard drives for additional storage capacity

Compact size and weight: 18 x 14 x 9 in, 20lbs

Component	Key Features	Key Specifications
Camera	CMOS sensor technology Compact size	640 x 480 output
Light Source	Excellent illumination Long life	50 watt LED 50,000 hours
Recording Module	Removable hard drives for exam archiving Built in exam database	750GB of storage

PENTAX Medical FEES® Solutions

Recognizing the diverse needs of our customers, various options are available to satisfy your budget and requirements.

Feature/Function	Portable FEES	Digital FEES with Fiberscopes	Digital FEES with Videoscope	Digital FEES with DICOM	Digital FEES with endoServer™ and endoPortal
Manage exams with built in database	✓	✓	✓	✓	✓
View exam with features such as side-by-side, frame-by-frame, etc.	✓	✓	✓	✓	✓
View exams in high resolution			✓	✓*	✓*
Download work list from HIS				✓	
Upload exams to PACS system				✓	
View exams remotely via web interface					✓
View exams across all workstations					✓
Portable for offsite exams	✓				

* When using videoscopes

Fiberoptic Endoscopic Evaluation of Swallowing (FEES®) is a registered trademark of Susan Langmore, Ph.D.

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