



PACS *Dental*

Medical Imaging Systems

PACS-Dental

All-In-One
Solution



Medi-1200



Medi-2200 Plus

Features

- Customized digitizers and templates for any size of dental X-Ray films
- Customized templates in PACS-Dental workstations, supporting panoramic, cephalometric, and intraoral films (10 pcs, 14 pcs, 18 pcs)
- Supports DICOM 3.0 standard for data converting and transferring
- Supports JPEG 2000 lossy, and lossless data compression

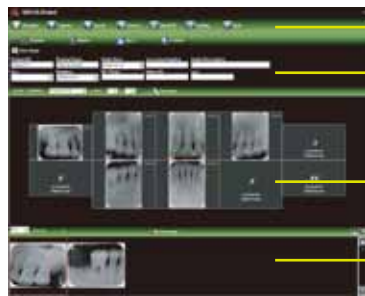
PACS-Dental Workstation

Microtek PACS-Dental Workstations are dental PACS with SFDA certified medical image digitizers, including the Medi-1200 and Medi-2200 Plus. The PACS-Dental Workstations have designed as the total solution for dental X-Ray films digitizing with DICOM ready function. It can not only be a digitizing workstation in small clinics but also a gateway to connect to any PACS in large hospitals. The medical PACS-Dental Workstations give the dental professionals the complete document/film scanning solutions with many powerful features and great image quality at an affordable price.

Equipped with high optical resolution, excellent Dmax, and 16-bit grayscale, the PACS-Dental systems ensure that your scans will capture all the details presenting in light and darkness areas, offering the superior image quality to the dental professionals. The systems are able to scan various sizes of dental films, including panoramic, cephalometric, and intraoral films, letting dental professionals easily archive any size of dental films. With designed compact size, the digitizers are perfect for limit space of dentist's office and quality check station. The systems are easy to operate, clean, and maintain.

In addition, through Microtek PACS-Dental systems with DICOM ready function, you can easily and quickly make medical images digitized or archiving with many features to support query, retrieve, view, measurement, notation, report, DICOM print, DVD-burning, database backup, and send DICOM files to any PACS/HIS system.

Built-in Dental Templates



• Function Keys

• Patient Data

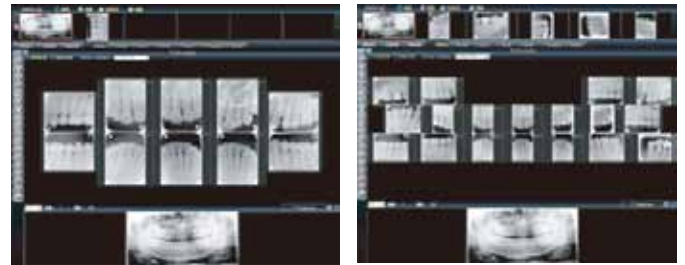
• Image Templates

• Image List

Built-in image adjustment, dental templates, and measurement tools

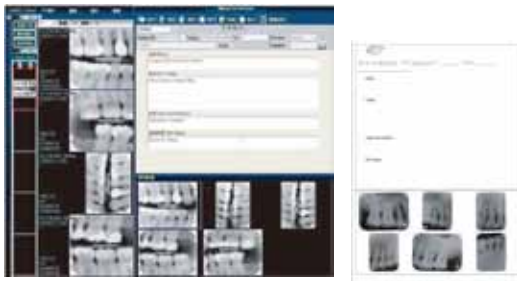
Customize templates support panoramic, cephalometric and intraoral films (10, 14 and 18 pictures)

Dental Modes



Support image display mode: normal, compare, and dental mode (10, 14, or 18 intraoral films with one panoramic film)

Built-in Fast Reporting Module



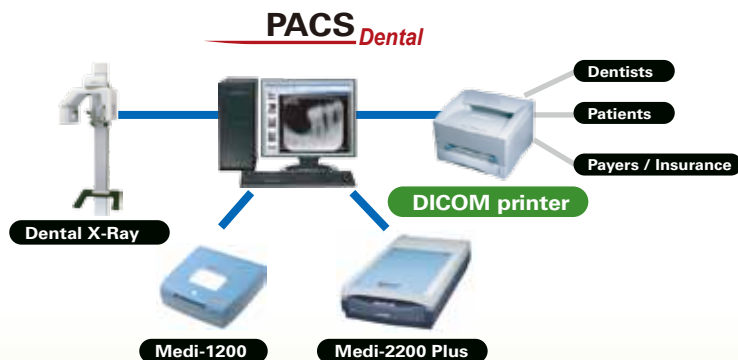
By built-in medical lexicon and pre-defined reporting templates, users can create reports in seconds.

Built-in CD Viewer

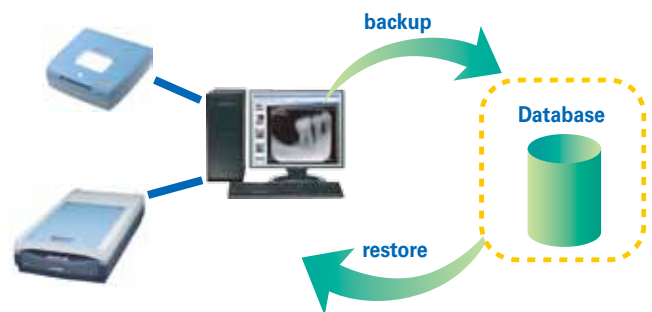


DVD-burning in DICOMDIR format to review with built-in CD Viewer

Supports DICOM Printers



Supports Database Backup and Restore

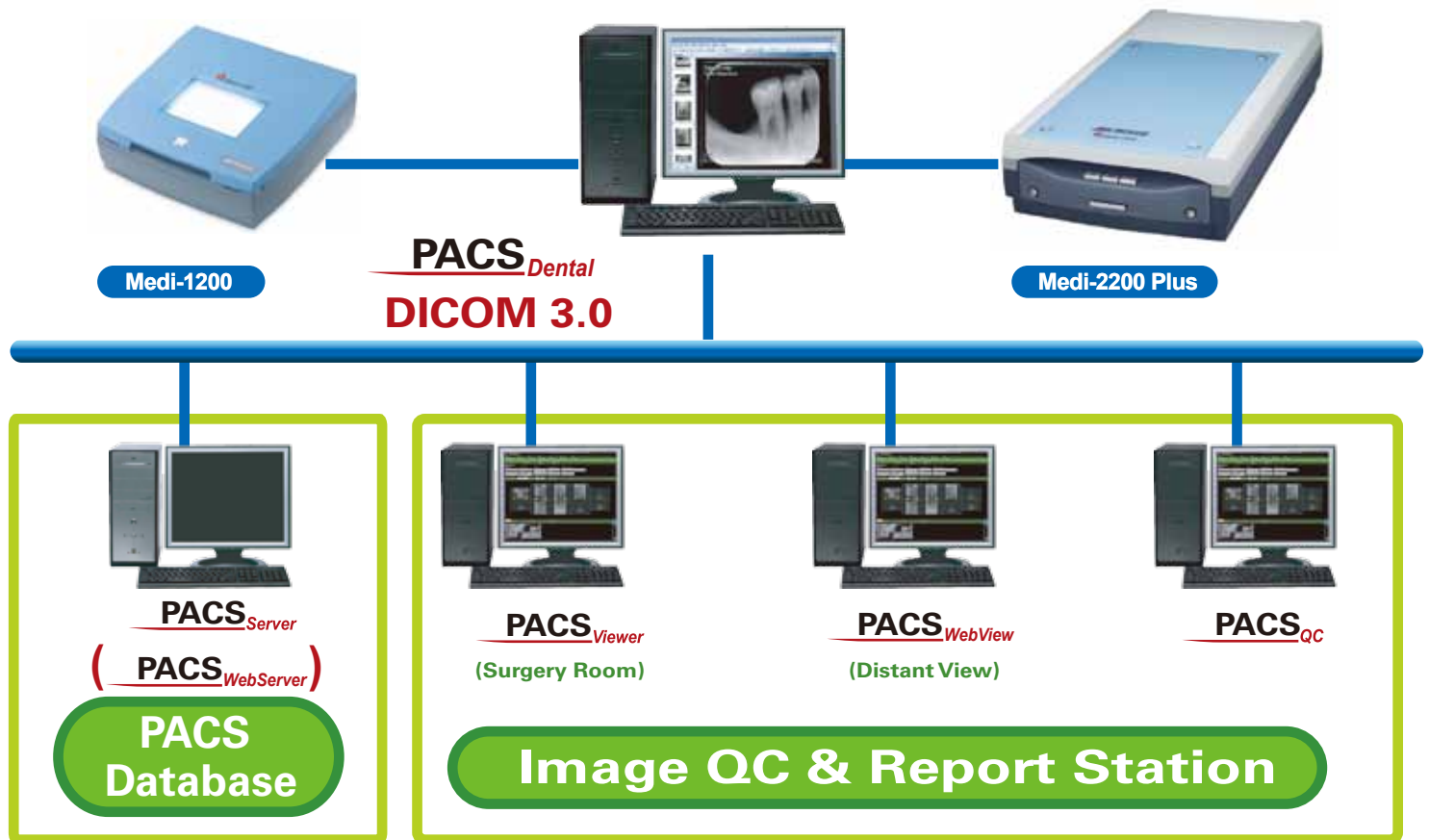


Secure database backup and restore efficiently

Directly Uploads files to PACS server



PACS-Dental Workstation



Major Features for PACS-Dental Workstation

- Plug and play image digitizing, acquisition, and reporting workstation
- User-friendly image digitizing interface
- Customizable medical lexicon to shorten reporting time efficiently
- Upload images to PACS server for long term storage and review
- Supports connection to HIS through broker
- Patient information and scheduling management
- Exam local database creation
- Excellent image quality with image administration functions
- Convenient image archiving and retrieval management

● Medi-1200

Features

- Special design for intraoral films
- Cost-effective and reliable digitizer with compact design
- Smart-Scan and customized templates easily auto-crop multi-films in less than 30 seconds
- Easy to scan, simply hits "Scan" button on the cover



**Hi-Speed
Film
Digitizer**

● Medi-2200 Plus

Features

- Presses Smart-Scan buttons to scan three types of templates
- Customized templates cover intraoral, panoramic, and cephalometric films
- Use templates to perform the auto-crop function



**Digitizer
for all
Dental films**

Specifications

Medi-1200

Medi-2200 Plus

Scanning area	8.5" x 5"	8" x 12"
Scanning mode	8 / 12 / 16-bit grayscale	8 / 12 / 16-bit grayscale
Optical resolution	600 dpi (42 µm spot size, 12 lp/mm)	4800 dpi (5 µm spot size, 94 lp/mm)
Dmax	3.2 Dmax	4.2 Dmax
Interface	Hi-Speed USB (USB 2.0)	Hi-Speed USB (USB 2.0)
Dimensions (L x W x H)	300 mm x 297 mm x 110 mm	576 x 297 x 118 mm
Weight	4.4 kg	6.4 kg
Power supply	100 to 240 VAC, 47 to 63 Hz	100 to 240 VAC, 47 to 63 Hz
Max power consumption	60 Watts	30 Watts
System requirement and compatibles	<ul style="list-style-type: none"> • CD-ROM drive (for installing software) • 2 GB RAM or more • Pentium IV PC or higher with USB port • Microsoft Windows 7 / Vista / XP / 2000 • Gigabit Ethernet LAN • Monitor : 19" (4:3 / 1280x1024) • DVD-RW 	<ul style="list-style-type: none"> • CD-ROM drive (for installing software) • 2 GB RAM or more • Pentium IV PC or higher with USB port • Microsoft Windows 7 / Vista / XP / 2000 • Gigabit Ethernet LAN • Monitor : 19" (4:3 / 1280x1024) • DVD-RW
Certifications	SFDA, CE, CB, ETL, FCC, RoHS	CE0120, FDA, SFDA, BSMI, CB, ETL, FCC, RoHS

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