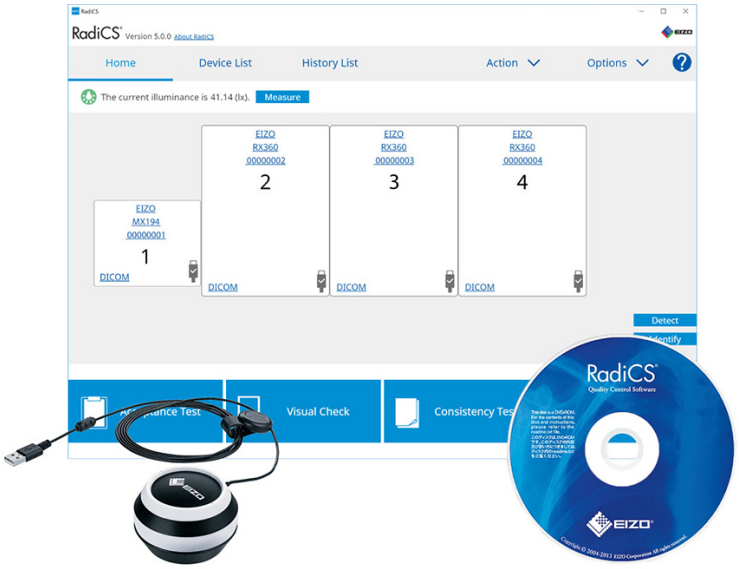
RadiCS (UX2-Kit)



→ **Product Website**

Software for medical professionals

Monitor quality management, including calibration as well as acceptance and consistency testing, in one programme. The software is simple, easy to use and can even perform consistency test measurements fully automatically. The RadiCS quality control tool is capable of end-to-end monitor quality management, starting with calibration and acceptance/consistency testing through to network-supported quality assurance management in conjunction with RadiNET Pro. Moreover, RadiCS is simple to understand, easy to use and suitable for RadiForce and non-RadiForce monitors. RadiCS also allows you to control EIZO's Work-and-Flow functions to deliver user-friendly workflows. This includes, for example, the Point-and-Focus function, which serves to quickly select and zoom in on relevant image areas using the mouse or keyboard.

- Optimal quality control of image reproduction systems in radiological applications
- Simple user interface for intuitive operation
- Acceptance and consistency testing according to QS-RL, DIN, PAS1054, AAPM and many other standards
- DICOM® calibration of tone value characteristic curve, including monitor self-calibration and self-diagnosis
- Fully-automatic consistency testing with monitors featuring brightness and illuminance sensors
- Archiving of calibration and test protocols
- Monitoring of the sensor inside the monitor to control brightness and the tone value characteristic curve
- Calendar with reminder function for recurring checks of reference and test patterns

Technical Data

FEATURES/OPERATION	
Article no.	UX2-KIT, RadiCS-Up-V5x
User modes	User (without password) and administrator (password-protected)
Functions in user mode	Daily testing, documentation, optional constancy test and work & flow functions
Functions in administrator mode	All user functions, master data maintenance, monitor configuration, editing test bases, etc..
Work-and-Flow functions	Point-and-Focus, Switch-and-Go, Hide-and-Seek
Supported luminance meters	LX-Can, LX-Plus, CDmon, CA-210/CA310, MAVO-Spot 2 USB, RaySafe X2 Light, integrated sensors
Luminance characteristic curves	DICOM Part 14 GSDF, CIE, exponentiell (Gammawert), loglinear, linear, benutzerdefiniert
Supported interfaces	USB, RS232C, DDC
Languages	German, English, French, Chinese, Japanese
Included in delivery	UX2-KIT consisting of RadiCS version 5.x on DVD-ROM (RadiCS, user manual) and a UX2 sensor, RadiCS-Up-V5x - software upgrade for users of RadiCS version 3.x or 4.x
Optional accessories	Additional UX2 calibration sensor for medical monitors

COMPATIBLE OPERATING SYSTEMS	
Windows	Windows 11 / Windows 10 / Windows 7, 7 SP1 / Windows Server 2019, 2016 Standard / Windows Server 2012 R2 Standard
Mac	macOS Catalina (10.15) / macOS Mojave (10.14)

QUALITY MANAGEMENT	
Test methods	Manual input, external measuring devices with data connection, internal monitor sensors
Ambient light test	manually, continuously and automatically as part of the checks
Supported quality control standards	DIN 6868-157, QS-RL "Qualitätssicherungs-Richtlinie", DIN V 6868-57, ONR 195240-20:2017, PAS 1054, IPEM Report 91, EUREF "European Guidelines for Quality Assurance in Breast Cancer Screening and Diagnosis Fourth Edition", AAPM On-Line Report No.03, ACR-AAPM-SIIM "Practice Guideline for Determinants of Image Quality in Digital Mammography", New York State Department of Health Bureau of Environmental Radiation Protection Guide for Radiation Safety / Quality Assurance Program Primary Diagnostic Monitors, NYC Quality Assurance Guidelines for Primary Diagnostic Monitors, JESRA X-0093 * B-2017, Quality Control Manual for Digital Mammography (Japan)

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