

CARDIOVASCULAR

Complete Performance
Smart Versatility

IMAGIC Maestro



 **KONTRON**
MEDICAL
Bringing Technology to Life

A renewed concept of ultrasound:

› unparalleled completeness and modularity matched with smart versatility for wide range of use

Modular configurations:

› every user can define a customized solution to provide a valuable answer to any clinical need

Compactness and easy mobility:

› to fit the today user demands and provide easy transportation solutions

Connectivity and data sharing:

› at the top of this class, an updated suite of features allow faster and safer integrated diagnoses



› Phased Array

The Value of Versatility:

h_{hi}

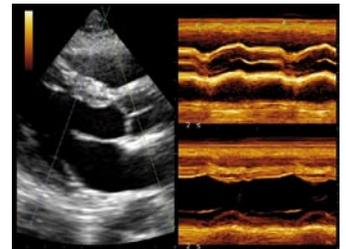
H Harmonic Imaging



› The extended bandwidth and Multiple Frequency transducers provide optimal results in terms of penetration and spatial resolution.

af_M

Angle-Free M-Mode



› By placing the M-mode line in any position, measurements accuracy and patient comfort are ensured.

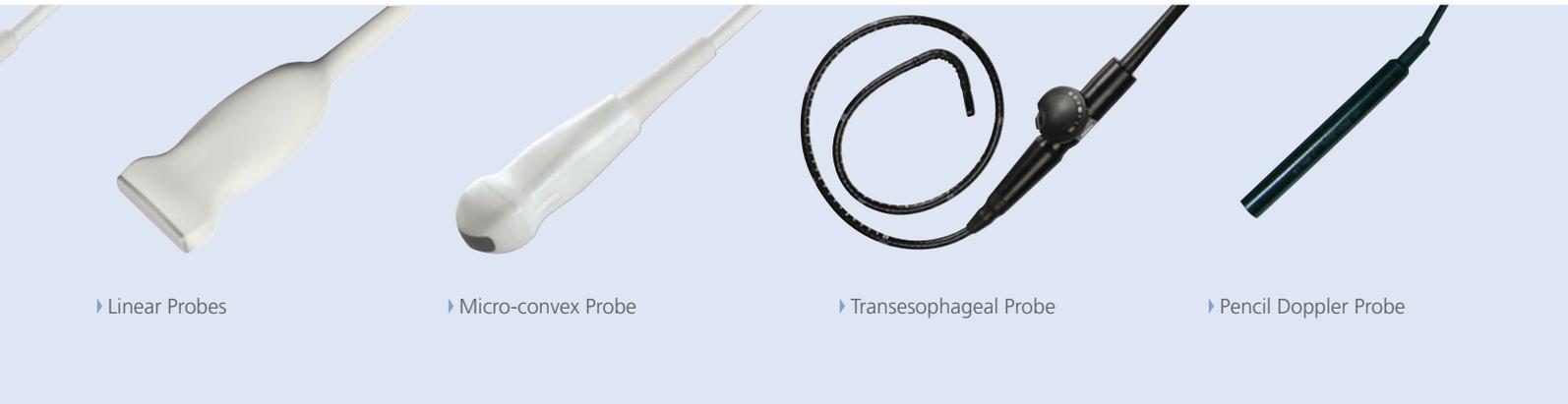


IMAGIC Maestro is the latest expression of a **renewed concept of ultrasound** units presented by Kontron Medical Systems where unparalleled completeness and modularity match smart versatility for a wide range of use.

High-level of performance and features derived by the reference cardiovascular systems are the base of the innovative platform.

The **modular configurations** and the license-based architecture allow every user to define a customized solution, providing a valuable answer to any clinical need.

The main characters of the system are completed by innovative **ergonomics and design**: the extended control panel includes high performance adjustable



▶ Linear Probes

▶ Micro-convex Probe

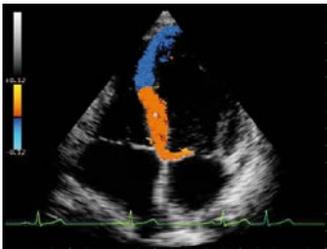
▶ Transesophageal Probe

▶ Pencil Doppler Probe

CARDIOVASCULAR

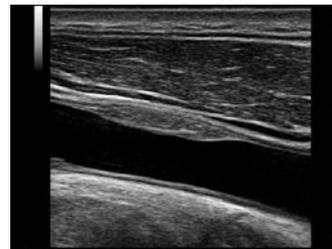
Cardiovascular Suite for any need

kt^M Kinetic Tissue Mapping



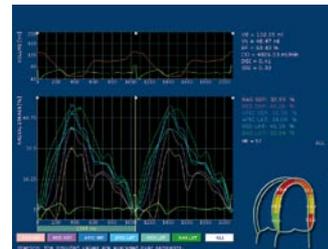
▶ Doppler based cardiac wall kinetics is easily displayed. The spectral representation allows a quantitative assessment of LV dysfunctions.

dip ma^{MODE} Digital Imaging Process and Multi-Angle Imaging



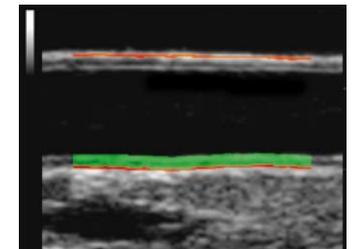
▶ Multi-Angle Imaging and Digital Imaging Process dramatically reduce the speckle noise contribution. Pathologies structures are visualized in detail.

ms^I 2D Myocardial Strain Imaging



▶ Angle-free analysis of the myocardium is done by pressing a button. Strain-Strain Rate Curves and Regional Strain Map are visualized for pathologies identification and quantification.

qimt Quality IMT



▶ RF measurement of the Intima Media is visualized in real-time; the most important parameters are included in the report for further evaluations or follow-up.

LCD, back lighted keyboard, probe and gel holders, easy-access to probe connectors and peripherals location.

Furthermore, **IMAGIC Maestro** is equipped with **K-Magic**, the innovative Kontron Medical solution able to concentrate the most used functions in one unique control key, ensuring increased exam comfort and reduced operation time.

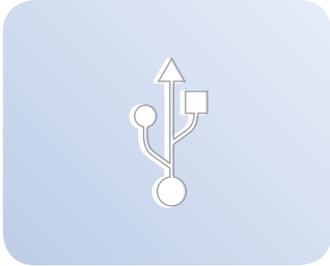
The innovative adjustable trolley ensures **extreme compactness, adaptability and mobility** which perfectly fit the today user demands. When collapsed, it represents an easy transportation solution. Connectivity and data sharing are at the top of this class and provide an **updated suite of features** such as Real Time Archiving Capability, Large Internal Hard Disk, USB Memory Storage Ports, Integrated CD/DVD Writer. Furthermore, **IMAGIC Desk** provides an external solution to be installed on any PC, for further post-processing, measurement, data archiving and back-up.

IMAGIC Maestro provides advanced clinical solutions for **multi-purpose use**, ensuring high-level of performance, maximum compatibility for faster and safer integrated diagnoses.



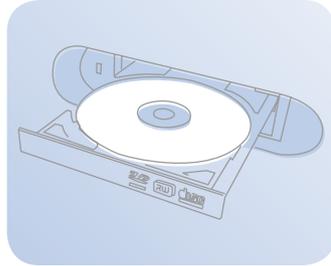
Kmagic
K-Magic is the innovative Kontron Medical solution combining the most used functions in one unique control key, providing exam comfort and fast operation time.

Unlimited Connectivity Solutions



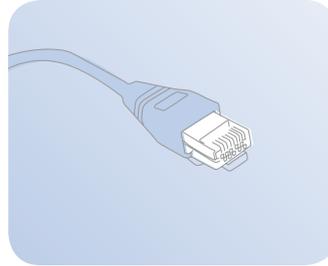
USB

- ▶ Two USB 2.0 ports to easily export data on external devices



CD/DVD

- ▶ Integrated CD/DVD drive to burn exam data or archive back-up



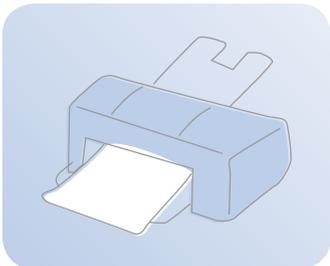
Network

- ▶ Integrated network board to allow the system to be immediately connected to Windows® or DICOM networks



IMAGIC desk

- ▶ IMAGIC Desk to provide an external PC solution for post-processing elaborations, measurements, data archiving and back-up.



Printers

- ▶ Unlimited capabilities in terms of printers DICOM or Windows®, USB or network or Video signal connection



Wireless Solutions

- ▶ The advanced platform is able to manage different wireless solutions.



COM743001EN 15.10.08 Edition 2

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