

MODERN, PORTABLE COLOR ULTRASOUND DOPPLER SYSTEM WITH UNBEATABLE IMAGE QUALITY

KUP-111



FULLY DIGITAL ULTRASOUND SYSTEM WITH 2 PROBE CONNECTIONS

PERFORMANCE FEATURES

- ⌚ German quality standard
- ⌚ Intelligent and ergonomic design
- ⌚ Optimized, smooth workflows
- ⌚ Highest performance despite the compact design
- ⌚ Also for mobile use
- ⌚ Connections for two transducers
- ⌚ Various memory options:
Hard drive / USB stick / DICOM interface
- ⌚ Convex, linear, microconvex and transvaginal transducers (128 elements)
- ⌚ Speckle reduction technology (8 levels)

KALAMED GMBH IS
CERTIFIED ACCORDING TO
ISO 13485:2012



COMPREHENSIVE CONNECTION OPTIONS



COMPACT AND EASY TO TRANSPORT



MOBILE EQUIPMENT CARRYING CASE (OPTION)



TROLLEY (OPTION)

TECHNICAL DATA

Display mode	B-mode THI / CFM / PDI / PW Doppler / M mode
Focusing mode	Acoustic lens focusing, multipoint focusing, point-to-point focusing
Grayscale	256 grayscale + 7 pseudo-color functions
Frame rate	max. 100 frames/s
Monitor	15-inch high resolution LCD, resolution: 1024x768
Video output	PAL-D, NTSC, DVI, S-VIDEO
Measurement range	≤ 260 mm
DICOM 3.0 interface	Storage of individual images and multiframe images in the DICOM format. Supports DICOM 3.0
Depth gain compensation	Overall gain continuously adjustable, 8 adjustable depth compensation controllers, TGC curve display
Sound power	20 – 100% adjustable
Digital scanning converter	640 x 480 x 8 bits
Dynamic range	0 – 100 dB
Zoom	21 levels adjustable, 4 levels for acoustic zoom
Body markers	>100 with indication of transducer position
General measurements	Distance, area/scope, volume, angle, ratio, orthopedics, stenosis, profile, heart rate, time, EF Slope
Software	Pregnancy, urology, cardiology, pediatrics Date, week, time, name of patient, name of physician, name of hospital, transducer frequency, depth, scan angle, focus position, frame rate, depth compensation, sound power, single image averaging, line averaging, edge enhancement, dynamic area, gamma correction, sex, body marking, arrow of transducer position, full image editing, notes, etc.
Settings	
Power supply	200 – 240V ~, 50/60Hz
Power consumption	80 VA
Continuous operation	≥ 8 hours
Dimensions	440 mm x 420 mm x 355 mm (H x W x D)
Weight	8.5 kg

PERFORMANCE FEATURES

The KUP-111 is a high-quality, fully digital colour Doppler system at an affordable price designed for stationary as well as mobile use. The KUP-111 uses innovative, fully digital technology to deliver high-resolution images with the highest possible degree of diagnostic accuracy. The backlit keyboard and efficient work flow simplify daily operation for the user. The portable device is not only innovative in its design but with 8.5 kg (including integrated battery) very light in weight. The KUP-111 is rugged and reliable wherever you are using it. The KUP-111 offers many storage options such as an internal hard drive and USB stick and enables data transfer to a PDMS using DICOM 3.0.

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