



We Image Your Needs.

CorCam™ is designed ,
developed and manufactured
by DDD-Diagnostic A/S in Denmark .

DDD is a well known OEM manufacturer of gamma
camera systems. Early 2012 the first products
under own brand were also released to the market.

DDD was founded in 1987 and has been involved
in design and development of some of the most
successful gamma camera systems in cooperation
with major international vendors of medical
diagnostic imaging equipment.



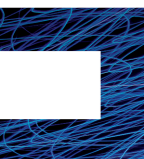
DDD-Diagnostic A/S

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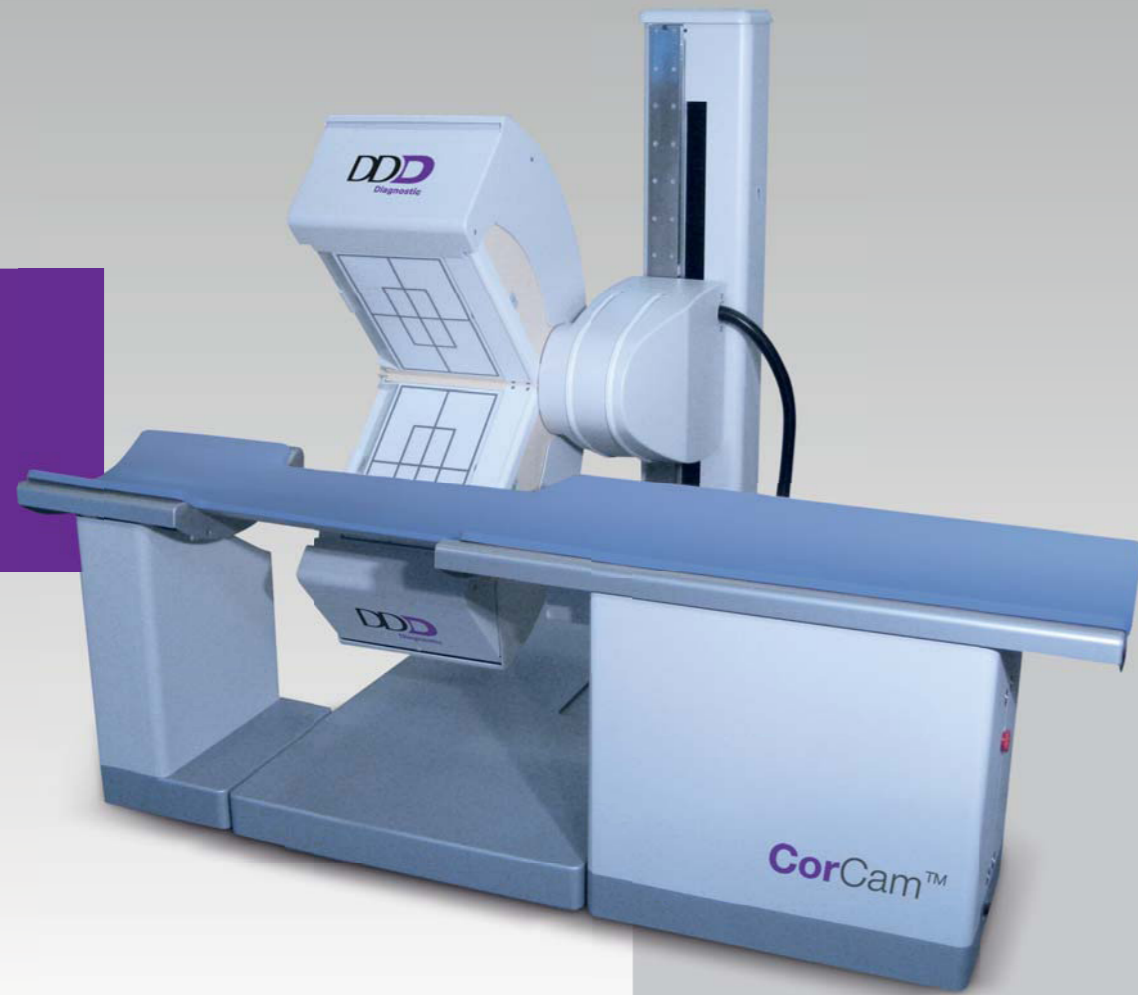
www.ddd-diagnostic.dk

1BR02825-C04

Gamma camera system
for nuclear cardiology procedures



Cor
Cam™



Optimized for quick and seamless Myocardial Perfusion Imaging.

Highly reliable and well proven gamma camera.

Truly open gantry allows for greater patient comfort.

Integrates with hospital infrastructure – DICOM Modality Work List.

Available in two version

- 1) Supine imaging with minimal footprint.
- 2) Supine and prone imaging with small footprint.



DDD is the leading manufacturer of gamma cameras for Myocardial Perfusion Imaging.

Thousands gamma camera systems manufactured by DDD-Diagnostic A/S have been installed in hospitals, private practices and imaging centers across the world.

Like the other camera systems from DDD-Diagnostic A/S, CorCam™ has been designed as a workhorse camera for nuclear cardiology imaging procedures.

Main Specifications

Cor Cam™
Type No. 9COR2370

Detector Performance

UFOV	36×20.4 cm (37×21.4 cm imaged FOV)
Energy range	60-170 keV
Intrinsic spatial resolution (UFOV)	≤3.8 mm (FWHM), ≤7.6 mm (FWTM)
Intrinsic spatial linearity (UFOV)	≤0.2 mm (Differential), ≤0.5 mm (Absolute)
Intrinsic energy resolution (UFOV)	≤9.4%
Intrinsic flood field uniformity (UFOV)	≤1.5 % (Differential), ≤2.5 % (Integral)
Intrinsic count rate performance wo. Scatter	≥290 kcps
Collimators	LEHR and LEGP

System Performance

System spatial resolution wo. Scatter	
LEHR (140 keV)	≤7.7 mm FWHM @ 100 mm
LEGP (140 keV)	≤9.4 mm FWHM @ 100 mm
System planar sensitivity	
LEHR (140 keV)	197 cpm/μCi +/- 7%
LEGP (140 keV)	270 cpm/μCi +/- 7%
Detector-detector sensitivity variation	5%
Center of rotation error	<4.6 mm _{pp}

Image acquisition

Supported imaging procedures	Static, dynamic, gated planar, SPECT and gated SPECT
Pixel size	6.4 mm square (64 matrix). Zoom factor: 1.0, 1.46, 1.85, and 2.19
Matrix size	64×64, 128×128, 256×256, 512×512 pixels
DICOM	DICOM 3.0. Manual and automatic "push" protocol to user-provided nuclear medicine workstation. DICOM Modality Work List as an option.

General

Power requirement	100–120 VAC, 200–240 VAC. 50/60Hz
Weight	~ 1,100 kg (2,420 lbs.)
Minimum room size requirement	
. Version for supine imaging	2.45 × 3.05 m (8" × 10")
. Version for supine and prone imaging	3.35 × 3.05 m (11" × 10")
Table Load Limit	180 kg (400 lbs.)

[DATA SUBJECT TO CHANGE]

