

DP-10/DP-20/DP-30 series

**Digital Ultrasonic Diagnostic Imaging
System**

Service Manual

Revision 9.0

26.	Single Probe Board	801-2305-00003-00		DP-10series /DP-20series		Refer to 7.4.6
27.	DP-20/30 Double probe port module	115-053651-00		DP-10series /DP-20series /DP-30series		Refer to 7.4.6
28.	IO Assembly	115-014841-00		DP-10series /DP-20series /DP-30series		Refer to 7.4.5
29.	HDD	115-015965-00		DP-10series /DP-20series /DP-30series	No bracket	Refer to 7.4.10.4

7-6 Structure and Assembly/Disassembly

Transducer: 35C50EB (Convex)

Applications: Gynecology, Obstetrics, Pediatric, Abdominal

Elements: 80

Center Frequency: 3.5MHz

Fundamental Frequency: 2.0 MHz, 3.5 MHz, 4.5 MHz, 5.0MHz

Harmonic Frequency: H5.0MHz, H6.0MHz

FOV (max): 70°

ExFOV: 83°

Convex Radius: 50 mm

Footprint: 12.4*62.4mm

Biopsy Bracket: NGB-001, 25°, 35°, 45°

Weight: 830g

Cable Length: Approx 2m

Transducer: 35C20EA (Micro-Convex)

Applications: Gynecology, Obstetrics, Abdominal, Pediatric, Cardiac

Elements: 80

Center Frequency: 3.5MHz

Fundamental Frequency: 2.0 MHz, 3.5 MHz, 4.5 MHz, 5.0MHz

FOV (max): 90°

ExFOV: 102°

Convex Radius: 20mm

Footprint: 12.4*32.0mm

Biopsy Bracket: NGB-003, 11°, 23°

Weight: 660g

Cable Length: Approx 2m

Transducer: 65C15EA (Micro-Convex)

Applications: Abdominal, Pediatric, Cephalic

Elements: 80

Center Frequency: 6.5MHz

Fundamental Frequency: 5.0MHz, 6.5MHz, 7.5MHz, 8.5MHz

FOV (max): 96°

ExFOV: 108°

Convex Radius: 15mm

Footprint: 6.0*25.6mm

Biopsy Bracket: NGB-005, 12.7°, 24.2°

Weight: 640g

Cable Length: Approx 2m

Transducer: 75L38EB (Linear)

Applications: Pediatric, Small organ, Cephalic, Vascular, Musculo-skeletal

Elements: 80

Center Frequency: 7.5MHz

Fundamental Frequency: 5.0MHz, 6.5MHz, 7.5MHz, 10.0MHz

FOV (max): 38mm

Linear Width: 38mm
Footprint: 5.0*38.4 mm
Biopsy Bracket: NGB-002, 40°, 50°, 60°
Weight: 660g
Cable Length: Approx 2m

Transducer: 75L53EA (Linear)

Applications: Pediatric, Abdominal, Small organ, Cephalic, Vascular,
Musculo-skeletal, Orthopedics, Nerve
Elements: 80
Center Frequency: 7.5MHz
Fundamental Frequency: 5.0MHz, 6.5MHz, 7.5MHz, 10.0MHz
FOV (max): 50mm
Linear Width: 53mm
Footprint: 5.0*53.0mm
Biopsy Bracket: NGB-007, 40°, 50°, 60°
Weight: 580g
Cable Length: Approx 2m

Transducer: 65EC10EB (Endocavity Micro-Convex)

Applications: Gynecology, Obstetrics, Urology
Elements: 80
Center Frequency: 6.5MHz
Fundamental Frequency: 5.0MHz, 6.5MHz, 7.5MHz, 8.5MHz
FOV (max): 125°
ExFOV: 140°
Convex Radius: 10mm
Footprint: 5.0*22.4mm
Biopsy Bracket: NGB-004
Weight: 620g
Cable Length: Approx 2m

Mindray reserves the right to make changes in specifications and features shown herein, or discontinue the product at any time without notice or obligation.
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