

N13C5 (9062) Transducer

The N13C5 high resolution, small footprint transducer is ideal for craniotomy, spinal cord imaging, and neonatal cephalic imaging.

- Activate the transducer and freeze, store and print images with one press of the integrated Smart™ button
- Ergonomic design for comfortable operation
- Advanced transducer connector designed for noise reduction in the ultrasound image and one-handed operation
- Perform quick, reliable puncture and biopsy procedures with our single-use needle guide
- Unique, fully-immersible transducer for easy sterilization



Fig. 1 N13C5 transducer

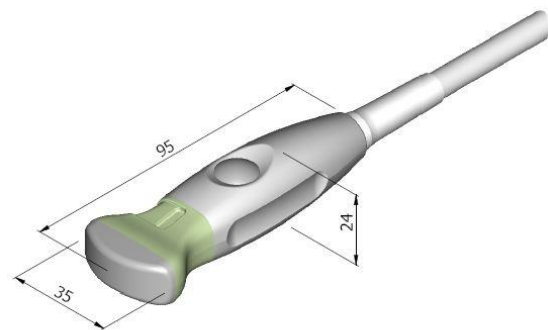


Fig. 2 Technical drawing and dimensions (mm)

Specifications

Transducer Name		N13C5
Transducer Reference Type		9062
Compatible Ultrasound Systems		bk3000, bk3500, bk5000
Applications (Typical)		Neonatal Cephalic, Pediatric, Intraoperative (neuro), Intraoperative
Basic Imaging Modes¹		B, M, CFM, Doppler, Tissue Harmonic Imaging, Elastography ²
Weight (Approximate)	g	55
Acoustic Aperture	mm	29 x 6
Contact Surface (Overall)	mm	29 x 10
Number of Elements		160
Radius of Curvature	mm	25
Transverse Focal Length (Typical)	mm	35
Image Plane Focal Length	mm	Variable
Image Field		Sector: 65° Expanded Sector: 95°
Focal Range	mm	10 - 80
Frame Rate (Max)	Hz	>150

¹ Not all systems support all imaging modes

² Use of the N13C5 for elastography has not been CE-marked.

Specifications

<p>OPERATIONAL FACILITIES Built-in control button</p> <p>SAFETY Designed and tested in accordance with current version of EN60601-1 (IEC60601-1) "Medical Electrical Equipment, Part 1". When used with BK Medical's systems, Type BF requirements are met.</p> <p>ENVIRONMENTAL Operating Pressure: 700–1060 hPa (normal atmospheric pressure) Operating Temperature: +10 to +40 °C (+50 to +104 °F) Storage Temperature: -25 to +70 °C (-13 to +158 °F)</p> <p>REPROCESSING</p> <ul style="list-style-type: none"> • The reprocessing temperature should not exceed +60 °C. • Complete details and procedures can be found in <i>Care and Cleaning</i>. • Follow manufacturer's instructions for use. 	<p>VALIDATED CLEANING AND DISINFECTION For all cleaning and disinfection methods except wiping, plug must be covered.</p> <p>Manual Cleaning 3E-Zyme™</p> <p>Manual Disinfection Ethanol 70% (wiping) Korsorex® Basic¹ Tristel® Fuse For Stella¹ Revital-Ox™ RESERT®/RESERT® XL HLD¹</p> <p>Automatic Disinfection MEDIVATORS® Advantage® Plus¹, with:</p> <ul style="list-style-type: none"> • MEDIVATORS Intercept® Detergent • MEDIVATORS Rapicide® PA • 70% Isopropanol Flush <p>VALIDATED STERILIZATION² Immersion Methods (plug must be covered) STERIS® SYSTEM 1[®], SYSTEM 1E®, SYSTEM 1 Plus¹, SYSTEM 1 Express¹</p> <p>Gas Processes (plug must be uncovered) STERIS® V-Pro™ STERRAD NX™ and 100NX Systems¹ STERRAD 100S and 200 Systems¹</p>	<p>POWER SUPPLY Internally from system</p> <p>CABLE LENGTH 2.8 m (9.2 ft)</p> <p>¹ Use of reprocessing method with N13C5 has not been CE-marked. ² Automated reprocessing methods validated for 100 cycles.</p>
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Ordering Information

<p>ACCESSORIES AVAILABLE</p> <p>KE4300: Carrying Case</p> <p>UA1414: Leakage Testing Kit</p> <p>UA1345: Sterile packed, single-use. Includes 2 needle guide insert palettes (3-angle and free-angle respectively), each with 9 different inserts for 10-20 gauge needles (pack of 9).</p> <p>BB2080: Assembly Guide for UA1345</p>	<p>TRANSDUCER COVERS</p> <p>UA0004: Cable cover, sterile, latex-free, 7.6 x 244 cm (pack of 24)</p> <p>UA0005: Transducer cover, sterile, latex, 2.6 x 30 cm (pack of 24)</p> <p>UA0073: NeoGuard™ sterile, latex-free, 15.2 x 244 cm, telescopically-folded with attached 3 cm NeoGuard tip (pack of 12)</p>	
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Accessories

UA1345

Needle Guide



- **Dimensions:** 30 x 45 x 25 mm (1.2 x 1.8 x 1 in)
- **Weight:** 6 g (0.2 oz)
- **Material:** MABS plastic with 20% Barium sulphate

Needle Guide Insert Palettes



- **Dimensions:** Ø120 x 11 mm (Ø4.7 x 0.4 in)
- **Weight:** 28 g (1 oz)
- **Material:** MABS plastic with 20% Barium sulphate

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