



Kendall™ ECG Electrodes Product Data Sheet

Arbo™ H124SG Ref. Code: 31.1245.21

1. BASIC PRODUCT INFORMATION

Shape / size (excl. grip)	Round / Ø 24 mm
Total product surface (excl. grip)	452 mm ²
Gel area	201 mm ²
Adhesive area	251 mm ²
Sensor area	80 mm ²
Product thickness (adapter excluded)	1 mm
Adapter	Stud
Integrated lead wire (length / colour)	–

2. MATERIALS INFORMATION

Backing material	Polyethylene foam (PE), white
Adhesive characteristics	Medical grade pressure sensitive adhesive
Gel characteristics	Conductive and adhesive hydrogel
Supporting / back label	Polypropylene film (PP) transparent
Release liner	Polyethylene film (PE), one side siliconized
Sensor	Polymer Ag/AgCl coated
Adapter / connector	Stainless steel
Integrated lead wire jacketing	–
Integrated lead wire cord	–

3. ELECTRICAL CHARACTERISTICS (ANSI/AAMI EC 12, average measured before packaging)

ACZ I impedance (before defibrillation simulation)	220 Ohm
DC offset voltage (before defibrillation simulation)	0.2 mV
SDR (remaining potential after defibrillation simulation)	11 mV
Slope (potential decline after defibrillation simulation)	0.2 mV/s
COIIN (combined offset instability and inner noise)	4 µV
Bias current tolerance (DC offset voltage after DC loading)	6 mV

4. SPECIAL FEATURES

MRI compatibility (≤ 3T)	no
X-ray translucence	no
Peel off resistance, max. (from PE foil, 180 °, 50 mm/min, ASTM D1876)	2.5 N
Integrated abrader	no
Repositionability	no

5. PACKAGING

	L x W x H (mm)	Content (electrodes)	Material
Product packaging (pouch)	220 x 180	50	Paper / PE / Alu / PE
Department packaging (box)	194 x 194 x 240	500	Paper cardboard
Transport packaging (carton)	600 x 400 x 510	6000	Paper cardboard

6. BIOCOMPATIBILITY

Test acc. to DIN ISO 10993	passed
LATEX content	no

7. ENVIRONMENT (detailed information related to product and packaging see "Environmental Declaration")

Halogenated hydrocarbon content (e.g. PVC)	no
Phthalate derivatives content (e.g. DEHP)	no
RoHS directive	in compliance

8. SHELF LIFE

Product shelf life in an intact, originally sealed packaging	24 months @ 10 ... 30 °C
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9. LEGAL STATUS

CE Mark according to MDD 93/42/EEC	CE marked
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