NISSHA
MEDICAL TECHNOLOGIES

ECG Electrodes
AccuScan - EG
Reference: 590493

3	Electrodes / Pouch
30	Electrodes / Bag
600	Electrodes / Case (590493-CS)

APPLICATION
For: 24 Hours
Monitoring in CathLab, X-Ray, and thallium testing procedures

PRODUCT INFORMATION

Shape	Teardrop
Size (excl. grip)	1.5 in / 38.1 mm
Sensor (Eyelet) Diameter	0.417 in / 10.592 mm
Substrate Thickness (adapter excluded)	0.063 in / 1.588 mm
Total Product Surface Area	1.7972 in² / 45.649 mm²
Gel Area	0.3068 in² / 7.7927 mm²
Adhesive Area	1.4904 in² / 37.8562 mm²
Integrated Lead Wire (length / color)	N/A

MATERIALS

Substrate Material	Polyethylene Foam
Adhesive	Acrylic, Medical Grade
Gel Type	Conductive Wet Gel
Foam (Sponge) Material	Polyurethane Reticulated Foam
Release Liner	PS
Sensor Polymer	Ag/AgCl plated ABS
Adaptor / Connector (Stud)	Carbon Filled ABS
Integrated Lead Wire Jacketing	N/A
Integrated Lead Wire Cord	N/A

ELECTRICAL PERFORMANCE
(ANSI/AAMI EC 12)

ACZ impedance (before defib simulation) **@10 Hz**	56 Ohm
DC Offset Voltage (before defib simulation)	0.24 mV
SDR Slope (remaining potential after defib) **@ 30 Sec int.**	0.09 mV/sec
ACZ impedance repeat (after defib simulation)	54 Ohm
COIIN (combined offset instability and inner noise)	5 μV
Bias Current Tolerance (DC offset voltage after DC loading)	7 mV

FEATURES

MR Conditional	Yes
X-ray Translucence	Yes
Integrated Abrader	No
Repositionability	No

PACKAGING

Product Packaging Material	Paper/PE/Foil/PE
Resealable Pouch	No
Product Packaging Size (L x W)	7.5 x 4 in
	19.05 x 10.16 cm
Department Packaging - Bag (L x W)	10 x 14 in
	25.4 x 35.56 cm
Transport Packaging - Carton (L x W)	12.5 x 12.75 x 10.75 in
	31.75 x 32.385 x 27.305 cm

BIOCOMPATIBILITY

ISO 10993	Passed
Latex Free	Yes

ENVIRONMENTAL

Halogenated Hydrocarbon Content (e.g. PVC)	None
Phthalate Derivatives Content (e.g. DEHP)	None
RoHS Compliant	Yes
REACH Compliant	Yes

SHELF LIFE

Product Shelf Life (in accordance with storage guidelines)	18 Months

REGULATORY STATUS
CE Mark according to MDD 93/42/EEC

CE

Reorder Part Number: 6503242V