Gamma-Scout Product Matrix

SPCFIGATIONSNo.No.No.Decomposition of the second seco	Comparative data sheet of the 4 Gamma-Scout products	STANDARD	F	RECHARCHEABLE	Ρ
Name Holes in Heldeen Heldeen Gere Audie window (IAD 712 or equivalent)YESYESVESSensor end window density 1.5 - 2 mg/cm²YESYESSunless steel sensor housing (0.012" will thekness)YESYESSensor dimesions of length 38.1mm, mesuring diameter 9.1mmYESYESYESSome ar average < 10 pulses per min w/3 mm AL and 50 mm PB screeningYESYESYESOperating Range: Cisithwick of 0.01 G/V/h up to 1000 0.01 G/V/hYESYESYESDetects adplantation from 4.MeVYESYESYESDetects adplantation from 0.2 MeVYESYESYESDetects adplantation from 0.2 MeVYESYESYESDirector direct mode of the person of	SPECIFICATIONS	STAN	ALERT	RECH	ONLINE
Selailest scale basis of basis of the selection of the sel		YES	YES	YES	YES
Sensor dimension of length 31,mm, measuring diameter 3,1mmNetVisit	Sensor end window density 1.5 - 2 mg/cm ²	YES	YES	YES	YES
Sensor zero rate < 10 pulses per min w/3 mm AL and 50 mm PB screeningVTSVTSVTSVTSOperating Range: Calibrated scale 0.01 µSv/h up to 1000.00 µSv/hVTSVTSVTSVTSVTSGamma-Sensitivity: 1000 cpm/mt//hr or 108 pulses referenced to Co-60 radiation of 1 µSv/h ambientVTSVTSVTSVTSDetects alpha radiation from 0.2 MeVVTSVTSVTSVTSVTSVTSDetects alpha radiation from 0.2 MeVVTSVTSVTSVTSVTSVTSVTSDetects alpha radiation from 0.2 MeVVTSVTSVTSVTSVTSVTSVTSDetects alpha radiation from 0.2 MeVVTSVTSVTSVTSVTSVTSVTSVTSDetects alpha radiation from 0.2 MeVVTS<	Stainless-steel sensor housing (0.012" wall thickness)	YES	YES	YES	YES
Operating Range-Cellibrated scale OD1 µSW/h up to 1000 µSW/hNetNetNetNetNetGemana Sensitivity: 1000 µM/m/h or 108 µUses referenced to Co6 od alation of 1 µSW hamblentNetNetNetNetDetects alpha radiation from 4 MeVNetNetNetNetNetNetDetects alpha radiation from 0.2 MeVNetNetNetNetNetNetNetDetects alpha radiation from 0.2 MeVNetNetNetNetNetNetNetNetDetects alpha radiation from 0.2 MeVNet <td>Sensor dimensions of length 38.1mm, measuring diameter 9.1mm</td> <td>YES</td> <td>YES</td> <td>YES</td> <td>YES</td>	Sensor dimensions of length 38.1mm, measuring diameter 9.1mm	YES	YES	YES	YES
Ansame Sensitivity: 1000 cpm/mR/hr or 108 pulses referenced to Co-60 radiation of 1 µSv/h ambientYESVESVESVESDetects alpha radiation from 4 MeVVESVESVESVESVESDetects bala radiation from 0.2 MeVVESVESVESVESVESDetects gamma radiation from 30 keVVESVESVESVESVESVESOperating Temperature and Humidity: 40 to 475°C, up to 90% humidityOnes (130 grms)VESVESVESVESVESDimensions and Weight: L 6.5° (165 mm), W2.8° (72mm), H1.2° (30mm). 6 ounces (130 grms)VESVESVESVESVESDisplay: Real time LCD display, A digit numeric with operating mode indicators. Logarithmic bar chart.VESVESVESVESCalibration: Each unit ges as enalized etect criticate.VESVESVESVESVESVESSelective Shield runs ensist is aubjected to a final test supervised by the institute of Radiation Protection, a gover formeance Cs-137 emitter. Each unit ges as enalized etect criticate.VESVE	Sensor zero rate < 10 pulses per min w/ 3 mm AL and 50 mm PB screening	YES	YES	YES	YES
Detects alpha radiation from 4 MeVVEVVESVESVESDetects beta radiation from 0.2 MeVVESVESVESVESDetects gamma radiation from 0.2 MeVVESVESVESVESOperating Temperature and Humidity - 40 to 75°C, up to 90% humidityVESVESVESVESVESDimensions and Weight: L.6.5° (165mm), W.2.8° (72mm), H.1.2° (30mm). 6 ounces (130 grms)VESVESVESVESVESImpact-resistant Novadur casingVESVESVESVESVESVESVESDisplay: Real time LCD display, A digit numeric with operating mode indicators. Logarithmic bar chart.VESVESVESVESVESCalibration: Each unit is subjected to a final test supervised by the institute of Radiation Protection, a government (German) controlled university for Applied Technology. The tested device must be tim a confidence range of 5% in comparison to a master. This master is adjusedVESVESVESVESPower consumption: Power circuit consumes less than 10 microamperes at normal ambient radiation.VESVESVESVESVESCan be set to display units in Silvert or RemVESVESVESVESVESVESVESVESVESSilver or feature: Monitors radiation continually for a comprehensive and accurate data archive in memory. Memory and the activities.VES </td <td>Operating Range: Calibrated scale 0.01 μSv/h up to 1000.00 μSv/h</td> <td>YES</td> <td>YES</td> <td>YES</td> <td>YES</td>	Operating Range: Calibrated scale 0.01 μSv/h up to 1000.00 μSv/h	YES	YES	YES	YES
NetworkNote <th< td=""><td>Gamma-Sensitivity: 1000 cpm/mR/hr or 108 pulses referenced to Co-60 radiation of 1 μSv/h ambient</td><td>YES</td><td>YES</td><td>YES</td><td>YES</td></th<>	Gamma-Sensitivity: 1000 cpm/mR/hr or 108 pulses referenced to Co-60 radiation of 1 μ Sv/h ambient	YES	YES	YES	YES
Detects gamma radiation from 30 keVVFSVFSVFSVFSVFSOperating Temperature and Humidity: 40 to 75°C, up to 90% humidityVFS <td>Detects alpha radiation from 4 MeV</td> <td>YES</td> <td>YES</td> <td>YES</td> <td>YES</td>	Detects alpha radiation from 4 MeV	YES	YES	YES	YES
DependencePress <td>Detects beta radiation from 0.2 MeV</td> <td>YES</td> <td>YES</td> <td>YES</td> <td>YES</td>	Detects beta radiation from 0.2 MeV	YES	YES	YES	YES
Dimensions and Weight: L 6.5" (165mm), W 2.8" (72mm), H 1.2" (30mm). 6 ounces (130 grms)VESVESVESVESVESVESImpact-resistant Novadur casingVESVESVESVESVESVESVESDisplay: Real time LCD display, A digit numeric with operating mode indicators. Logarithmic bar chart.VESVESVESVESVESCalibration: Each unit is subjected to a final test supervised by the Institute of Radiation Protection, a government (German) controlled university for Applied Technology, The tested device must be in a confidence range of 5% in comparison to a matter. This master is algued the device must be in a confidence range of 5% in comparison to a matter. This master is algued reference Cs-137 emitter. Each unit gets a serialized test certificate.VESVESVESVESSelective Shielding: Shield the sensor's mica window from alpha (to allow beta and gamma only) or from alpha and beta (to allow gamma only).VES </td <td>Detects gamma radiation from 30 keV</td> <td>YES</td> <td>YES</td> <td>YES</td> <td>YES</td>	Detects gamma radiation from 30 keV	YES	YES	YES	YES
Impact-resistant Novadur casingVESVESVESVESVESVESDisplay: Real time LCD display, 4 digit numeric with operating mode indicators. Logarithmic bar chart.VESVESVESVESCalibration: Each unit is subjected to a final test supervised by the Institute of Radiation Protection, a government (German) controlled university for Applied Technology, The tested device must be in a confidence range of 5% in comparison to a master. This master is adjusted to a gauged reference Cs-137 emitter. Each unit gets a serialized test certificate.VESVESVESVESVESSelective Shielding: Shield the sensor's mica window from alpha (to allow beta and gamma only) or from alpha and beta (to allow gamma only).VESVESVESVESVESPower consumption: Power circuit consumes less than 10 microamperes at normal ambient radiation.VESVESVESVESVESCan be set to display units in Sievert or RemVESVESVESVESVESVESVESPatch data download: Connects to Windows PC for a batch data download of archived data measurements in memory. Memory can be unit cannot be turned off.VESVESVESVESVES"Aways On" feature: Monitors radiation continually for a comprehensive and accurate data archive in memory. Memory canNESVESVESVES"Maways On" feature: Monitors radiation continually to a comprehensive and accurate data archive in the presence of radiation. A programmable alert: Audible alert ticker can be turned on and licks with each pulse generated by the GM tube in the presenceNOVESVESVESVES	Operating Temperature and Humidity: -40 to +75°C, up to 90% humidity	YES	YES	YES	YES
Display: Real time LCD display, A digit numeric with operating mode indicators. Logarithmic bar chart.YESYESYESYESCalibration: Each unit is subjected to a final test supervised by the Institute of Radiation Protection, a government (German) controlled university for Applied Technology. The tested device must be in a confidence range of S% in comparison to a master. This master is adjusted to a gauged reference Cs-137 emitter. Each unit gets a serialized test certificate.YESYESYESYESYESSelective Shielding: Shield the sensor's mica window from alpha (to allow beta and gamma only) or from alpha and beta (to allow gamma only).YESYE	Dimensions and Weight: L 6.5" (165mm), W 2.8" (72mm), H 1.2" (30mm). 6 ounces (130 grms)	YES	YES	YES	YES
Calibration: Each unit is subjected to a final test supervised by the institute of Radiation Protection, a government (German) controlled university for Applied Technology. The tested device must be in a confidence range of 5% in comparison to a master. This master is adjusted to a gauged reference Cs-137 emitter. Each unit gets a serialized test certificate. Selective Shielding: Shield the sensor's mica window from alpha (to allow beta and gamma only) or from alpha and beta (to allow gamma only). Power consumption: Power circuit consumes less than 10 microamperes at normal ambient radiation. Can be set to display units in Sievert or Rem Can be set to display units in Sievert or Rem Can be set to display units in Sievert or Rem Can be set to display units in Sievert or Rem Can be set to display units in Sievert or Rem Can be set to display units in Sievert or Rem Can be set to display units in Sievert or Rem Can be set to display units in Sievert or Rem Can be set to sum up dose measurements to give the cumulative dose reading from some point in time. Batch data download: Connects to Windows PC for a batch data download of archived data measurements in memory. Memory can be wiped clean for a fresh start of data archiving. "Always On" feature: Monitors radiation continually for a comprehensive and accurate data archive in memory that is downloadable. The wind cannot be turned off. Ticker and programmable alert: Audible alert ticker can be turned on and clicks with each pulse generated by the GM tube in the presence of radiation. A programmable alert can be set to sound by the unit on crossing a dose rate threshold. Embedded (soldered on) Lithium Thionyl Chloride battery, with a typical 10 year operating life at average 20°C and normal usage. There is no need to recharge this battery through its lifetime. To replace send back to factory for a replacement for a small fee. Rechargeable battery: Can be charged via USB cable or external power supply (included) Real time data download: Connects to Windows PC and sends	Impact-resistant Novadur casing	YES	YES	YES	YES
university for Applied Technology. The tested device must be in a confidence range of 5% in comparison to a master. This master is adjustedYESYESYESSelective Shielding: Shield the sensor's mica window from alpha (to allow beta and gamma only) or from alpha and beta (to allow gamma only).YESYESYESYESPower consumption: Power circuit consumes less than 10 microamperes at normal ambient radiation.YESYESYESYESCan be set to display units in Sievert or RemYESYESYESYESYESBatch data download: Connects to Windows PC for a batch data download archiving.YESYESYESYES"Always On" feature: Monitors radiation continually for a comprehensive and accurate data archiving.YESYESYES"Cicker and programmable alert: Audible alert ticker can be turned on and clicks with each pulse generated by the GN tube in the programmable alert compare to specify the unit or conssing a dose rate threshold.YESYESYESRechargeable battery: Can be charged via USB cable or external power supply (included)NONOYESYESRechargeable battery: Can be charged via USB cable or external power supply (included)NONONOYESRechargeable battery: Can be charged via USB cable or external power supply (included)NONONOYESNoNONONONOYESYES"Always On" feature: Audible alert ticker can be turned off.NONONOYESTicker and programmable alert: Audible alert ticker can be turned off.NONONOYES <td>Display: Real time LCD display, 4 digit numeric with operating mode indicators. Logarithmic bar chart.</td> <td>YES</td> <td>YES</td> <td>YES</td> <td>YES</td>	Display: Real time LCD display, 4 digit numeric with operating mode indicators. Logarithmic bar chart.	YES	YES	YES	YES
only).YES <th< td=""><td>university for Applied Technology. The tested device must be in a confidence range of 5% in comparison to a master. This master is adjusted</td><td>YES</td><td>YES</td><td>YES</td><td>YES</td></th<>	university for Applied Technology. The tested device must be in a confidence range of 5% in comparison to a master. This master is adjusted	YES	YES	YES	YES
And Can be set to display unit in Sievert or RemNo.N		YES	YES	YES	YES
And the set to sum up dose measurements to give the cumulative dose reading from some point in time.YesYesYesYesBatch data download: Connects to Windows PC for a batch data download of archived data measurements in memory. Memory can bryed clean for a fresh start of data archiving.YesYesYesYesYesYes"Always On" feature: Monitors radiation continually for a comprehensive and accurate data archive generated by the GM tube in the presence of radiation. A programmable alert: Audible alert ticker can be turned on and clicks with each pulse generated by the GM tube in the presenceNesYesYesYesFunded (soldered on) Lithium Thionyl Chloride battery, with a typical 10 year operating life at average 20°C and normal usage. There is no need to recharge this battery through its lifetime. To replace send back to factory for a replacement for a small fee.NesNesNesNesRechargeable battery: Can be charged via USB college at the data measurements (pulses) in intervals of 2 secondsNesNesNesNesRechargeable battery: Can be charged to Windows PC and sends the data measurements (pulses) in intervals of 2 secondsNesNesNesNesRechargeable battery: Can be charged to Windows PC and sends the data measurements (pulses) in intervals of 2 secondsNesNesNesNesRechargeable battery: Can be charged to Windows PC and sends the data measurements (pulses) in intervals of 2 secondsNesNesNesNesRechargeable battery: Can be charged to Windows PC and sends the data measurements (pulses) in intervals of 2 secondsNesNesNesNesNote of the d	Power consumption: Power circuit consumes less than 10 microamperes at normal ambient radiation.	YES	YES	YES	YES
Auton for a fresh start of data archiving.YESYESYES"Always On" feature: Monitors radiation continually for a comprehensive and accurate data archive in memory that is downloadable. The unit cannot be turned off.YESYESYESYESTicker and programmable alert: Audible alert ticker can be turned on and clicks with each pulse generated by the GM tube in the presence for adiation. A programmable alert can be set to sound by the unit on crossing a dose rate threshold.NOYESYESYESEmbedded (soldered on) Lithium Thionyl Chloride battery, with a typical 10 year operating life at average 20°C and normal usage. There is no need to recharge this battery through its lifetime. To replace send back to factory for a replacement for a small fee.NONOYESNORechargeable battery: Can be charged via USB cable or external power supply (included)NONOYESNOYESCertifications: Meets all European CE standards as well as US FCC 15 standardYESYESYESYES	Can be set to display units in Sievert or Rem	YES	YES	YES	YES
wiped clean for a fresh start of data archiving.YESYESYESYESYESYESYESYESYESYES"Always On" feature: Monitors radiation continually for a comprehensive and accurate data archive in memory that is downloadable. The unit cannot be turned off.VES	Can be set to sum up dose measurements to give the cumulative dose reading from some point in time.	YES	YES	YES	YES
unit cannot be turned off.YES		YES	YES	YES	YES
of radiation. A programmable alert can be set to sound by the unit on crossing a dose rate threshold.NONOYESYESEmbedded (soldered on) Lithium Thionyl Chloride battery, with a typical 10 year operating life at average 20°C and normal usage. There is no need to recharge this battery through its lifetime. To replace send back to factory for a replacement for a small fee.YESYESNOYESRechargeable battery: Can be charged via USB cable or external power supply (included)NONONOYESNOReal time data download: Connects to Windows PC and sends the data measurements (pulses) in intervals of 2 secondsNONONOYESCertifications: Meets all European CE standards as well as US FCC 15 standardYESYESYESYES		YES	YES	YES	YES
no need to recharge this battery through its lifetime. To replace send back to factory for a replacement for a small fee. YES YES NO YES Rechargeable battery: Can be charged via USB cable or external power supply (included) NO NO NO YES NO Real time data download: Connects to Windows PC and sends the data measurements (pulses) in intervals of 2 seconds NO NO NO YES Certifications: Meets all European CE standards as well as US FCC 15 standard YES YES YES YES		NO	YES	YES	YES
Real time data download: Connects to Windows PC and sends the data measurements (pulses) in intervals of 2 seconds NO NO NO VES Certifications: Meets all European CE standards as well as US FCC 15 standard YES YES YES YES		YES	YES	NO	YES
Certifications: Meets all European CE standards as well as US FCC 15 standard YES YES YES	Rechargeable battery: Can be charged via USB cable or external power supply (included)	NO	NO	YES	NO
	Real time data download: Connects to Windows PC and sends the data measurements (pulses) in intervals of 2 seconds	NO	NO	NO	YES
Warranty: 2 Year Manufacturer's Warranty [does not cover damage to GM tube or user carelessness] YES YES YES YES	Certifications: Meets all European CE standards as well as US FCC 15 standard	YES	YES	YES	YES
	Warranty: 2 Year Manufacturer's Warranty [does not cover damage to GM tube or user carelessness]	YES	YES	YES	YES

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