

Solution for IR Cooled Sensors



The use of getters, non-evaporable type, is mandatory in these devices that, to properly work, need a vacuum better than 10^{-3} mbar for their entire operational life, which accounts in some cases up to 30 years.

In case of cooled detectors type where performances are quite stringent and applications typically sophisticated the use of porous NEG is today consolidated.

The large sorption capacity at RT, fairly low activation temperature, capability to be activated and re-activated by passage of electrical current, suitability for robust and safe mountings able to withstand severe shock and vibration tests and good mechanical properties: this is the “identity card” of the ideal getter for I-R- detector dewars and St171, St172 and St175 porous sintered getters, developed by the SAES Getters Group just for these devices, perfectly match the required profile.

Boost your product performance with SAES Getters solutions:

St171 Sintered Porous Getters

St172 Sintered Porous Getters

St175 Sintered Porous Getters

making innovation happen, together



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