

δ -Cool

WATER COOLER FOR Si-PM



What is δ -Cool?

The cool δ -Cool is a water cooling system, developed and produced by Damavan Imaging, designed to cool down the hot face of Peltier modules that are used to bring PET and Compton modules at low temperatures.



It allows to cool a Peltier module located at maximum 1.2m above the pump.

In use, the liquid heats up to about 35°C. The heat it stores is evacuated continuously via a heat sink coupled with a ventilation system.

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|-----------------|-----------------|------------------------|-----------------------------|
| Hosepipe length | 1.5m | Weight | 5kg |
| Dimension | 36 x 20 x 15 cm | Power Source | 220V (mains) |
| Pump flow | 800 L/h | Coolant (non included) | 50% water 50% antifreeze |

Highlights

Damavan imaging was founded in December 2014 in Troyes (F) as a SAS (Société par Action - Simplified joint stock company). In July 2015, Damavan has won a 4 years research grant from « Investissements d'avenir »: (Investments for the Future Programme conducted by ANDRA), "Temporal" to develop a Compton camera based on temporal imagers. In October 2016 Damavan is issuing the first temporal imager: temporal δ .

Contact us for further information

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