

Cosmic Hunter

SP5620CH

CHECK THIS OUT!

NEW



Build your Muons telescope!
A very simple discovery tool for young students

Experiments

- **Cosmic Muons detection**
- **Coincidence (single, double and triple)**
- **Zenit angle dependance**
- **Cosmic Shower Detection**



Be part of the project: develop your own experience and send an email to educational@caen.it

Cosmic rays are energetic, subatomic particles constantly bombard the Earth's atmosphere from all directions.

Nowadays, new technological solutions are investigated by scientists to improve their knowledge in this field.

Cosmic Hunter is a new educational tool through which CAEN wants to inspire young students and guide them towards the analysis and comprehension of cosmic rays.

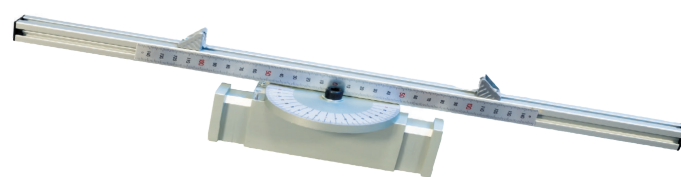
Cosmic Hunter, Silicon Photo-Multipliers (**SiPM**) based, is composed of one detection - coincidence unit together with up to three plastic scintillating tiles.

Muons detections, flux estimation, shower detection and more are allowed thanks to a **flexible system geometry**.

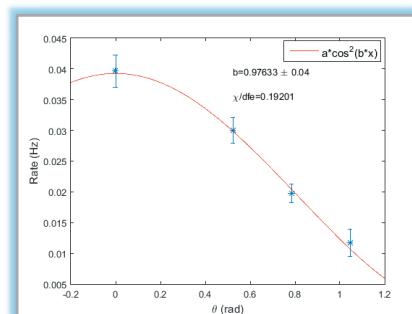
Features

- Based on SiPM detectors and plastic scintillating tiles.
- Up to 3 scintillating tiles management
- Flexible system geometry
- No Needs SW interface
- Embedded E Ink Display
- SD card to download data

Additional Tool



SP5609 - Telescope mechanics



Zenith dependence of the Muons flux



SP5620CH - Cosmic Hunter Kit

Ordering Option

Code	Description
WK5620CHAAAA	SP5620CH - Cosmic Hunter
WSP5622XAAAA	SP5622 - Detection System
WSP5609XAAAA	SP5609 - Telescope Mechanics

Cosmic Hunter is also available with 3 tiles for Triple Coincidence and Shower Detection



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