

mesytec MAC2 is a dual channel preamplifier shaper, discriminator and anti coincidence unit. Its sensitivity is adapted to proportional detectors and Photo Multipliers.

**Features:**

- Compact dual channel module
- TTL or 24V outputs for both channels and anticoincidence.
- thresholds can be adjusted at the front panel.
- Maximum bias voltage 3000V



*Module MAC-2*

**Technical Data:****Preamplifiers**

## Input

- Input connectors: SHV
- Negative charge input (anode readout).

## High voltage

Positive bias voltage up to 3000 V

## Sensitivity:

charge signals from 2 pC to 50 pC can be processed

**Power Supply**

- +12 to +24V
- TTL type +6 to +24V

## Power consumption:

- +24 V, 10 mA = 0.25 W

**Dimensions MAC2:**

- Length: 140 mm (without connectors)
- Width: 60 mm
- Height: 42 mm