



## DISCRIMINATOR SET SHD1

### PRESENTATION:

The SHD1 set contains :

- one spectroscopic amplifier (SH1 model)
- one window discriminator (DI1 model) (Optional)

The system permits spectroscopic analysis and counting measurements with various probes.

The amplifier gain and the window setting are settable inside the box:

Dimensions of the SHD1 box : 110x40x20 mm



### CONNECTION:

DB9, female (Probe, input connector)

- 1-2 : Ground
- 3 : Amplifier input
- 4 : +12V
- 5 : Bias
- 6 : Test
- 9 : -12V

DB9, male (Supply, output connector)

- 1-2 : Ground
- 3 : Amplifier output (MCA)
- 4 : +12V
- 5 : Bias
- 6 : Test
- 8 : Discriminator output (0 - 5 level)
- 9 : -12V

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It can be connected directly to EURORAD PR16 preamplifier or various probes to form a complete spectroscopic system.

**MECHANICAL CHARACTERISTICS:**

