



The MiniP preamplifier is a miniature preamplifier that is small and light weight that can be used in-line with all DECI transducers. The preamplifier is designed to work in conjunction with the AESMART 2000 or AESMART 302A which supplies power and signal conditioning on the same in-line coaxial cable. The preamplifier can also be powered and signal conditioned by the 500J power adapter and a +15 volt DC power supply.

The MiniP comes standard with a 20Khz hi-pass filter and has upper frequency response to 1.5 Mhz. Standard gain is 20dB. Both filter and amplification can be tailored to the specific DECI transducer to be used by the client.

# MINI-P

## ACOUSTIC EMISSION PREAMPLIFIER

### SPECIFICATIONS:

GAIN	20DB
DYNAMIC RANGE	74DB typical
NOISE (ref. input)	10 $\mu$ volts rms
FREQUENCY RANGE	20Khz - 1.5Mhz
OUTPUT VOLTAGE	15V peak
TEMPERATURE	-20 to +60°C
POWER REQUIRED	+15V DC
DIMENSIONS	0.375 in. Diameter (9.49mm) 1.85 in. Length (46.8mm)
CONNECTORS	Micro 10-32



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