

Pulse Preamplifier/Discriminator Selection for PMT's and Electron Multipliers.



Part No.: **F-1T**
 Features: Lower and Upper discriminator
 Dark pulse output < 0.5 cps
 TTL output pulses
 Applications: Scintillation x-ray detectors up to 1 Mcps

Part No.: **F-100T**
 Features: 50 Mcps maximum count rate
 Set and forget discriminator trimmer
 TTL output pulses
 High sensitivity 2 μ A or 20 fC

Part No.: **MTS-100**
 Features: F-100T specifications with HV decoupled
 Input for positively biased PMT's or EM that require +HV on the collector.

Part No.: **F-100D**
 Features: F-100T with the discriminator's level display and ten turn precision level adjustment.

Part No.: **Combo-100**
 Features: F-100T with an input current amplifier for very high count rate applications. A low signals levels demand pulse counting, while large signals are processed as DC current. Both outputs are available simultaneously.

Part No.: **F-100E**
 100 Mcps max. count rate preamplifier/discriminator with complementary ECL outputs. High sensitivity 2 μ A or 20 fC.

Part No.: **F-400PECL**
 The fastest preamplifier/discriminator with complementary PECL outputs. Max. count rate 400Mcps. Low input Sensitivity: 5mV