

ETP ACTIVE FILM Multipliers™ from SGE for use in

Magnetic Sector Mass Spectrometers

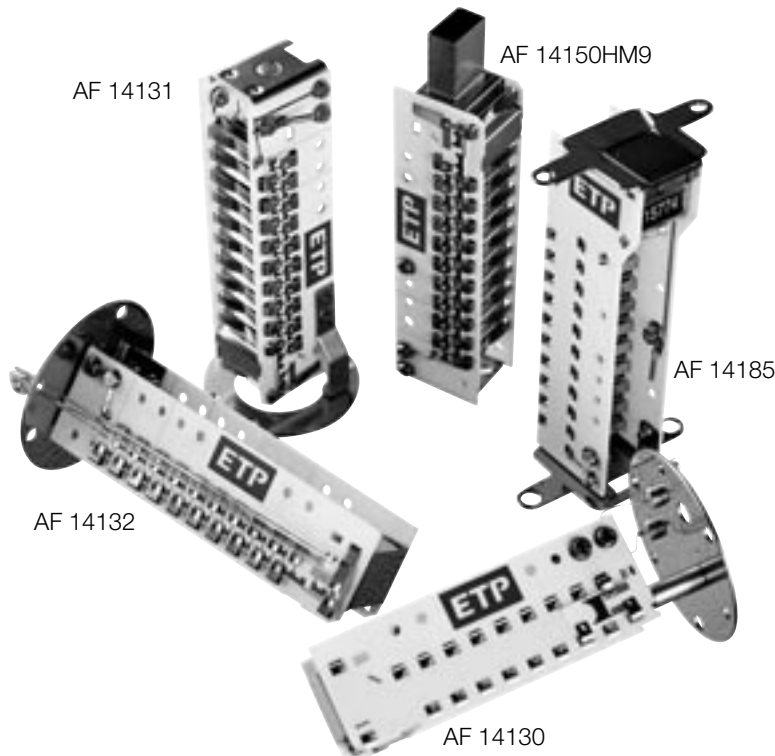


PRODUCT DATA

ACTIVE FILM Multipliers™ are the latest development in electron multiplier technology. They are completely air-stable while exhibiting extremely wide dynamic range, long operational life, and very high sensitivity.

Electron multiplier detectors used in magnetic sector mass spectrometers have historically been of the discrete-dynode type because of the need for general durability and high dynamic range. ETP Electron Multipliers from SGE have the added advantage of being completely air-stable. They may be stored in, or repeatedly exposed to, atmosphere without degradation suffered by older, beryllium-copper detectors.

All ETP Electron Multipliers have been designed using sophisticated ion and electron optics modeling and simulation techniques to ensure maximum sensitivity and overall performance. Models for use in magnetic sector instruments generally have an "on-axis" design configuration to allow direct, efficient collection of high energy ions emitted from the mass analyzer. Ion detectors may be designed for operation in either analog or pulse-counting mode depending on specific instrument specifications. Models are available for most common magnetic sector instruments.



BENEFITS:

- Unsurpassed Sensitivity
- Unrivaled Dynamic Range
- Unequaled Lifetime
- Easy Installation

FEATURES:

- Very Low Noise
- High Linear Output Current
- High Gain
- Air Stable
- Bakeable to 350°C

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Ordering Information

MANUFACTURER	INSTRUMENT	MULTIPLIER
Finnigan	MAT 95 & MAT 261	14131
Finnigan	MAT 262, Neptune, Triton	14150HM9
JEOL	AX, SX, HX	14185
Kratos Analytical	MS25*, MS50*, MS80*	14132
VG Analytical	70-70, ZAB	14130

*No post acceleration

A DIVISION OF SGE GROUP OF COMPANIES

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