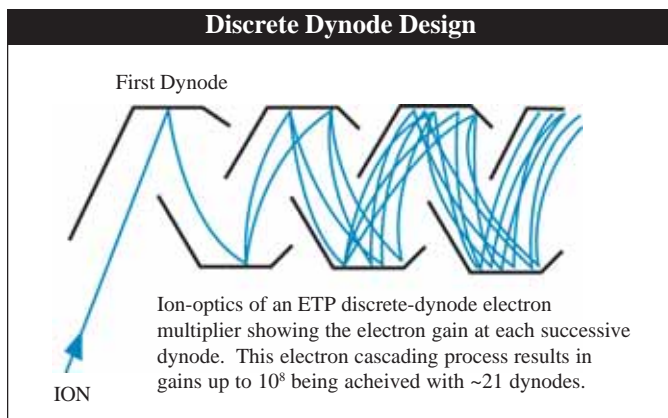


Discrete Dynode Design



14617



14627

About the ETP Electron Multiplier

- Air stable
- 2 year shelf life guarantee
- Discrete dynode design—extended operating life

For a typical ETP electron multiplier for GC-MS, the total active dynode surface area is ~ 1000mm². This can be compared to a standard continuous-dynode multiplier that has a total channel surface area of only around 160mm² (for a channel with 1mm diameter and 50mm length). This increased surface area spreads out the 'work-load' of the electron multiplication process over a larger area, effectively slowing the aging process and improving operating life and gain stability.

GC/MS and LC/MS Electron Multipliers Ordering Information

Agilent Technologies

Cat. No.	Description	Analyzer Type
14511	5970 (All)	Quadrupole
14516	5971, 5972, GCD	Quadrupole
14617	5973 (includes mount)	Quadrupole
14616	5973 (replacement)	Quadrupole
14612	5988 ± ions	Quadrupole
14512	5988 + ions	Quadrupole
14613	5989 (No HED)	Quadrupole
14511	599x	Quadrupole

Inficon

14532	Auditor	Quadrupole
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Perkin Elmer

14138	Ion Trap GC-MS	Ion Trap
14532	Q-Mass	Quadrupole

PE-Sciex

14610	API 2000	Quadrupole
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Shimadzu

14533	QP5000	Quadrupole
14627	QP5050 & 8000 (incl. mount)	Quadrupole
14625	QP5050 & 8000 (replacement)	Quadrupole

Thermo Finnigan

14139	4000 (PPINICI)	Quadrupole
14138	Bench-top ion pre-GCQ	Ion Trap

Varian

14138	Saturn (pre 2000)	Ion Trap
14147	Saturn 2000, 2100, 2200	Ion Trap

Please note:

On some models, first time installation of ETP multiplier requires mount.

ICP/MS Electron Multipliers

Agilent Technologies

Cat. No.	Description	Analyzer Type
14573	4500	Quadrupole
14222	7500	Quadrupole

LECO

14833H	Renaissance	TOF
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PE-Sciex

14561	ELAN 500	Quadrupole
14570*	ELAN 5000	Quadrupole
14571	ELAN 5000A	Quadrupole
14210	ELAN 6000, 6100, DRC	Quadrupole

Thermo Elemental

14562	PQ (12-12 rods)	Quadrupole
14562A	PQ (SXP) PQ3, Excel (Seq)	Quadrupole
14214	PQ3, Excel (Simultaneous)	Quadrupole

Thermo Jarrel Ash

14574	POEMS	Quadrupole
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Varian

14566	Ultramass	Quadrupole
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VG Analytical

14568H	Genesis	Quadrupole
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* First time installation of ETP Multiplier requires adapter obtained from PerkinElmer.

TOF/MS Electron Multipliers

Cat. No.	Manufacturer	Model
14820	Bruker	Various TOF
14824	Comstock	MiniTOF
14870	Kratos	AXIMA
14820	Kratos	Kompact MALDI (I-IV)
14833H	LECO	Renaissance
14823H	Sensar/Larson-Davis	TOF2000
14831H	SRS	Profiler

Magnetic Sector Electron Multipliers

14133	Cameca	SIMS 3F, 4F
14133H	Cameca	SIMS 5F, 6F
14185	JEOL	AX, SX Series
14132	Kratos	MS25, MS50, MS80
14131	ThermoFinnigan	MAT 95
14180	ThermoFinnigan	MAT262, Neptune
14130	VG Analytical	ZAB, 7070 Series