

## Mass Spectrometer Hardware



Part No. **N8145027**



Part No. **N8145000**

### SimulScan Dual-Stage Detector

The dual -stage detector is an integral part of the NexION ICP-MS SimulScan™ system. This discrete dynode electron multiplier measures both high- and low-level analytes simultaneously. This conserves valuable or limited samples eliminates the need to perform time-consuming sample dilutions and allows you to quickly characterize unknown samples.

ICP-MS Model	Part No.
NexION 350/1000/2000*	<b>N8145027</b>
NexION 300/350**	<b>N8145000</b>

\* Service installation is required, but not included.  
 \*\*Not compatible with NexION 350 shipped after March 1, 2016

### Original SimulScan Dual-Stage Detector

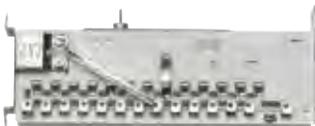
The original dual-stage detector is an integral part of the ELAN SimulScan™ system. This electron multiplier measures both high- and low-level analytes simultaneously. This conserves valuable or limited samples, eliminates the need to perform time-consuming sample dilutions and allows you to quickly characterize unknown samples.



ICP-MS Model	Part No.
ELAN 9000/6x00/DRCs* Manufactured Prior to April, 2005	<b>N8125001</b>

### Improved SimulScan Dual-Stage Detector

ELAN instruments produced after April, 2005 have the proper electronics to accept this detector without modification. ELAN instruments manufactured before April, 2005 will require a one-time upgrade to the Detector Electronics (**W1013195**). Using this detector in an instrument without the upgraded electronics will result in higher noise levels and shorter lifetime.



ICP-MS Model	Part No.
ELAN 9000/6x00/DRCs*	<b>N8125050</b>

### Detector Electronics Upgrade Kit

Boosts detector life at least 20%.

ICP-MS Model	Part No.
ELAN 9000/6x00/DRCs* Manufactured Prior to April, 2005	<b>W1013195</b>

\* Service installation is required, but not included.

### Ion Optics

PerkinElmer offers the industry's only single-ion lens with the exclusive SwiftMount™ II cassette lens mount. No tools are required as the design incorporates a clean capture-and-release concept.

### Ion Lens

Description	ICP-MS Model	Part No.
Cassette Ion Lens Upgrade Kit	ELANs Manufactured Before April, 2005	<b>W1017871</b>
Series II Ion Lens	ELAN 9000/6x00/DRCs Manufactured After January, 1998	<b>WE018034</b>
Ion Lens	ELAN 6000s Manufactured Before January, 1998	<b>WE014777</b>
Series II Lens Removal Tool	ELAN 9000/6x00/DRCs Manufactured Between January, 1998 and April, 2005	<b>W1010620</b>

Series II Ion Lens



Series II ShadowStop



### ShadowStop

Description	ICP-MS Model	Part No.
Cassette Lens ShadowStop	ELAN 9000/DRCs Manufactured After April, 2005	<b>W1013361</b>
Series II ShadowStop	ELAN 9000/6X00/DRCs Manufactured Between January, 1998 and April, 2005	<b>WE029011</b>

### Vacuum Pump Fluid for ELAN

For use with roughing pumps.

Pump Model	Part No.
Leybold	<b>N8122004</b>
Varian	<b>N8122308</b>

### Vacuum Pump Fluid for NexION

For use with NexION ICP-MS only. 1 L Fomblin GV80 fluid (perfluoro polyether). 1 L required per pump.

Description	Part No.
NexION Vacuum Pump Fluid	<b>N8145003</b>

### High Vacuum Silicon Grease

For lubrication of vacuum system O-Rings.

Description	Part No.
High Vacuum Silicon Grease	<b>09905147</b>