

# App. Note

## Applied Materials 9500/xR/Leap Series Standard and Reversible Extraction Electrodes

- Reduced COO
- Standard utilities and operation
- High purity materials
- Direct replacement for standard Applied Materials components

### Assemblies

- 1.02.115 Extraction Assembly (Dual Bellows)
- 1.02.120 Extraction Assembly (Single Bellows)
- 1.02.125 Extraction Assembly (xR and Leap)

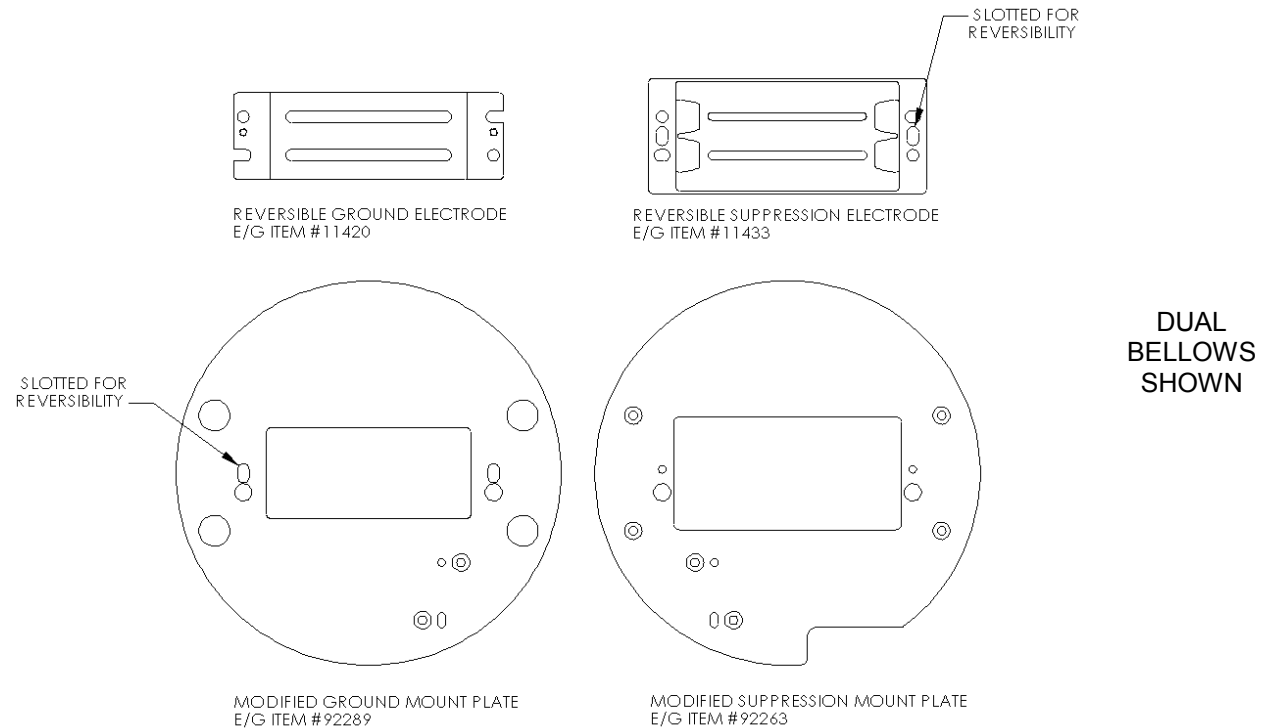
### Application Note

- 2.02.116 Removable Pin Electrode Brackets

Electro-Graph now supplies standard and enhanced replacement components for 9500 and xR series extraction assemblies. Our unique approach to the AMAT extractor allows users to double electrode life (where low energy boron aperture is not required).

Through subtle changes in the ground electrode mounting plate, Electro-Graph has engineered reversible ground and suppressor electrodes. Each of these electrodes contain two, medium-high energy/mass beam apertures (typically +10mm alignment).

With the exception of the updated ground electrode mounting plate, these electrodes are intended to be installed on standard AMAT extraction assemblies (see below).



Single Bellows    Dual Bellows    Leap and xR



2.02.115.1-2.18.03

760.438.9090 - phone  
760.438.3923 - fax  
sales@egraph.com  
www.egraph.com

E/G Electro-Graph, Inc.  
2365 Camino Vida Roble  
Carlsbad, CA 92011-1505  
USA

**ELECTRO-GRAPH®**