

Installation Notes

Model AF 140 Active Film Multipliers

1. Note:

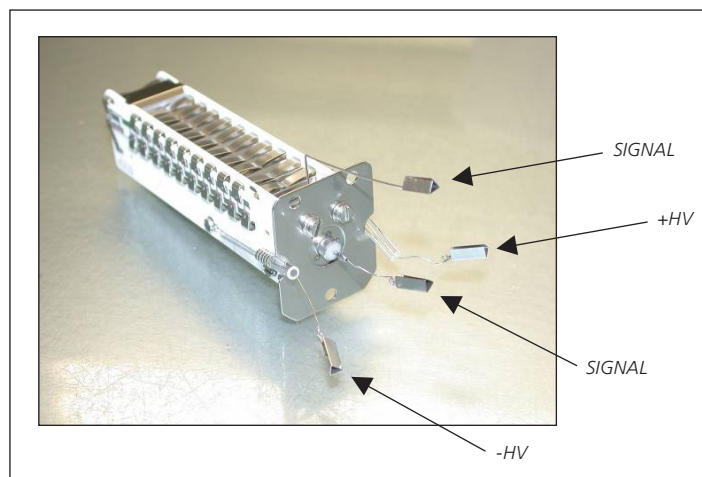
- i. The Multiplier is shipped with a protective cover over the Ion Input Aperture. Carefully REMOVE COVER during Installation and avoid contact with the underlying delicate aperture grid.
- ii. The multiplier MUST be handled with clean gloves and only placed on clean surfaces.

2. There are 3 Electrical Connections to the Multiplier.

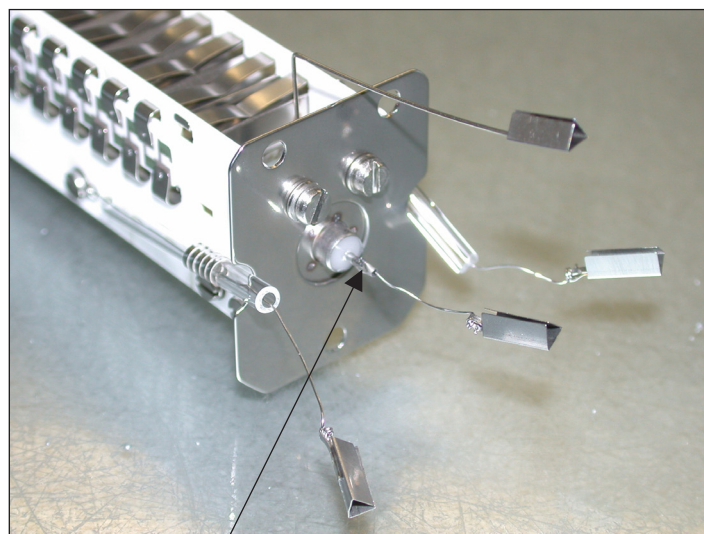
- i. -HV
- ii. +HV
- iii. Signal

Refer to the figure below to identify each connection, for additional information see drawing MS AF140. It will be necessary to remove one of the Signal leads during installation. This is carried out by first mounting the unit and connecting -HV and +HV connections.

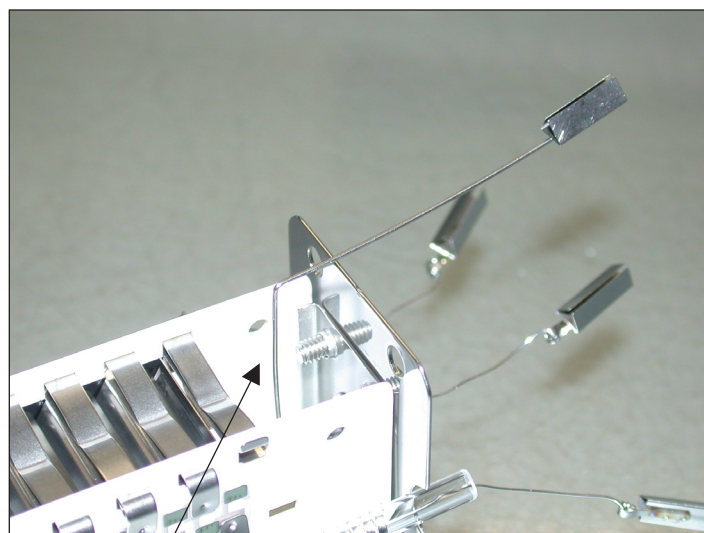
Now connect the signal lead that is closest to the machines signal connection.



There will now be a spare signal connection that needs to be removed from the multiplier by carefully cutting the redundant wire at the point indicated in the figures below, for additional information see drawing MS AF140.



If this signal lead is not required - cut here below feed through.



If this signal lead is not required - cut here level with ceramics.

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