

envis-ION™ DMPTS

FEATURES:

- Flexible mounting options
- 200+ hours per campaign
- Hidden electrodes produce minimal contamination
- Compact design
- Wide operating pressure (1-40 mTorr)
- Compatible with other PVD processes
- Effective source to substrate range of 50-200mm
- Long electrode life
- Fast target change

BENEFITS:

- Fits into your existing equipment
- Fewer process disruptions; longer campaigns
- Low cost of ownership
- Promotes film adhesion
- Reduced chance of substrate damage due to lower ion energies
- Drives off water vapor and other volatile contaminants from the substrate
- Wide operating pressure
- Highly tunable

MOUNTING AND INSTALLATION OPTIONS:

Flange:

- All utilities exit the back of the source through the flange

Cantilever:

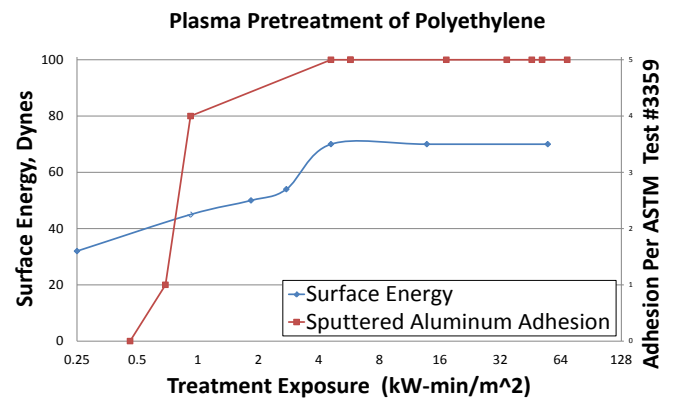
- All utilities exit the end

Remote:

- The utilities are flexible and can exit the back, the end, or travel from the source through flexible bellows

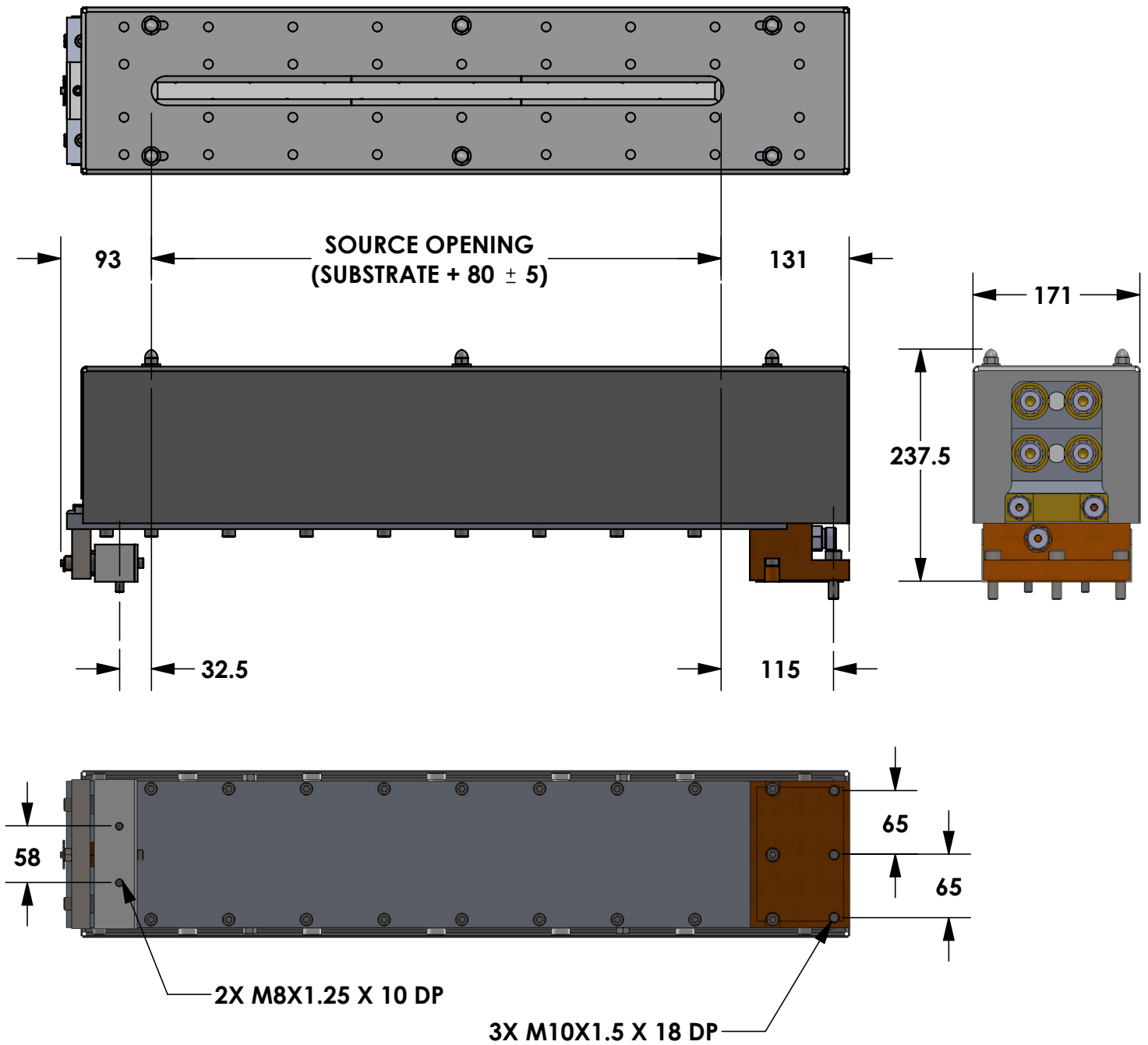


Dual Magnetron Pretreatment Source



Model	Max Power	Typical Power	Operating Pressure	PET Surface Energy at 6.7m/min
DMPTS	5kW/m	2-4 kW/m	1-40 mTorr	>65 Dynes

The envis-ION™ Dual Magnetron Pretreatment Source has a wide range of operation for improved adhesion and durability.



REMOTE MOUNTED USING A MINIMUM 145 ID OPENING (ISO 160)