Latest News from Applied Multilayers

No.9

PLASMACOAT EXPRESS OPTICAL COATING SYSTEMS

The PlasmaCoat Express is a compact optical coating system equipped with a load lock for high throughput. The system is designed to AR or mirror coat 6 spectacle lenses in about 15 minutes each side. The machine is equipped with two six inch circular magnetrons normally fitted with silicon and zirconium targets.

The machine has a small footprint 600mm wide and 680mm deep. Only 1700mm high, the machine will fit easily through a single door frame. The Express is powered by a regular 220V/110V electrical supply.

Although the machine was originally designed for ophthalmic laboratories, it is also used around the world as a cost-effective system for coating precision optics up to 80mm in diameter.

The PlasmaCoat Express optical coating system is an affordable optical coating system ideal for both ophthalmic and precision optics up to 80mm diameter.

Features of the system include:

- **Low temperature process suitable for glass or plastic substrates.**
- **Substrate pre-cleaning cycle using an argon plasma.**
- **Ideal for metal-oxide multilayers and metallisations.**
- **Automatic operation via a simple keypad and display.**
- **Load locked for fast cycle times**

Spares and Service for PlasmaCoat Express optical coating machines

Applied Multilayers is pleased to announce that it is now supplying spares and service for PlasmaCoat Express optical coating machines. Preventative maintenance is also available by our trained engineers either on a daily rate basis or by annual contract. A demonstration system is also available. Contact Dr Gareth Hall for more details (gareth.hall@applied-multilayers.com)

Applied Multilayers exhibiting at the SPIE Solar Energy and Technology meeting in San Diego

Applied Multilayers is exhibiting at the SPIE Solar Energy and Technology Exhibition held at the San Diego Convention Center, August 4th to August 6th. Applied Multilayers can be found on **Booth # 213.** Des Gibson will also be presenting a paper in the technical meeting entitled "Application of closed field magnetron sputter deposition in thin film photovoltaics' on Sunday 2nd August at 11.00 am. Contact Des Gibson if you would like to meet at the SPIE conference (des.gibson@applied-multilayers.com)

SPIE **Booth #213**

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