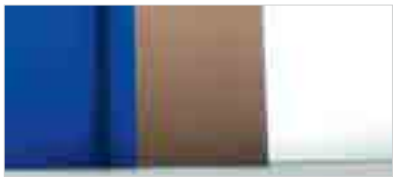
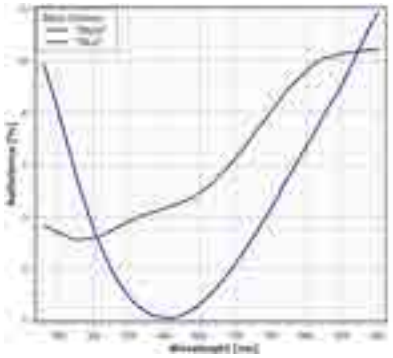
Coating Development



Doro — In-Line Coater

- Radiant heater -350° C
- DC glow discharge plasma treatment
- AC glow discharge plasma treatment
- SCI Dual Magnetron Plasma Treatment
- 3x PK 750 Magnetrons
- 2x SCI internal mount TC end blocks for 550 mm length dual rotatable targets
- DC, MF, bipolar pulsed and unipolar pulsed power supplies
- Metallic and reactive oxide and nitride coatings
- In-Situ reflectometry measurement



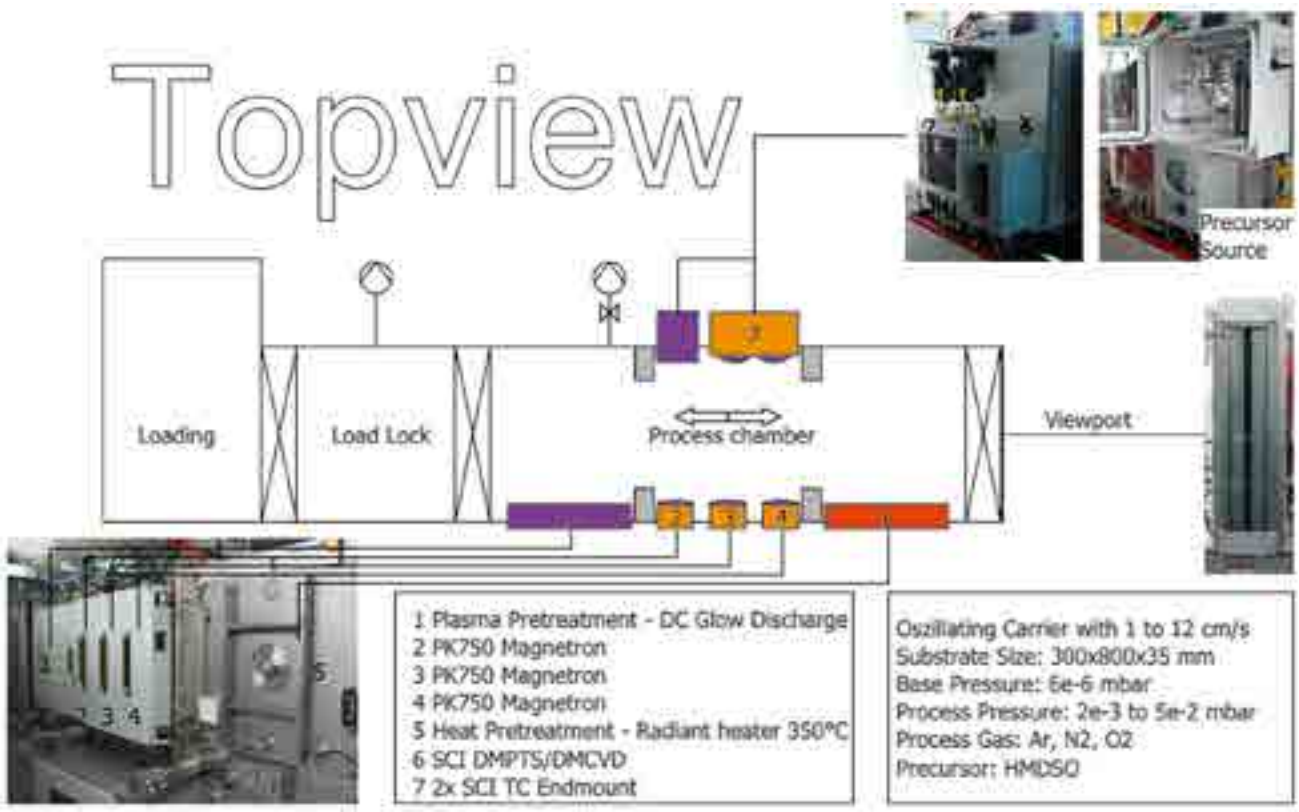
Substrates

- Max. 640 x 800 x 35 mm
- 300 x 700 mm ± 5% homogeneity

Existing Coatings

- Metallizing of plastics, ceramics and glasses
  - Solderable coatings
  - Electrical contact
  - Decoration
- Optical coatings
  - High rate Al_2O_3
  - High rate SiO_2
- Decorative Coatings
  - Dichromatic Coatings
  - Black Chrome
- Reactive multilayers
  - Direct soldering of microelectronics

Coating Development



BENEFITS

- Precise optical coatings due to online measurement
- Simultaneous coating of both sides possible
- Big substrates
- Production process simulation for coaters with SCI rotary magnetrons