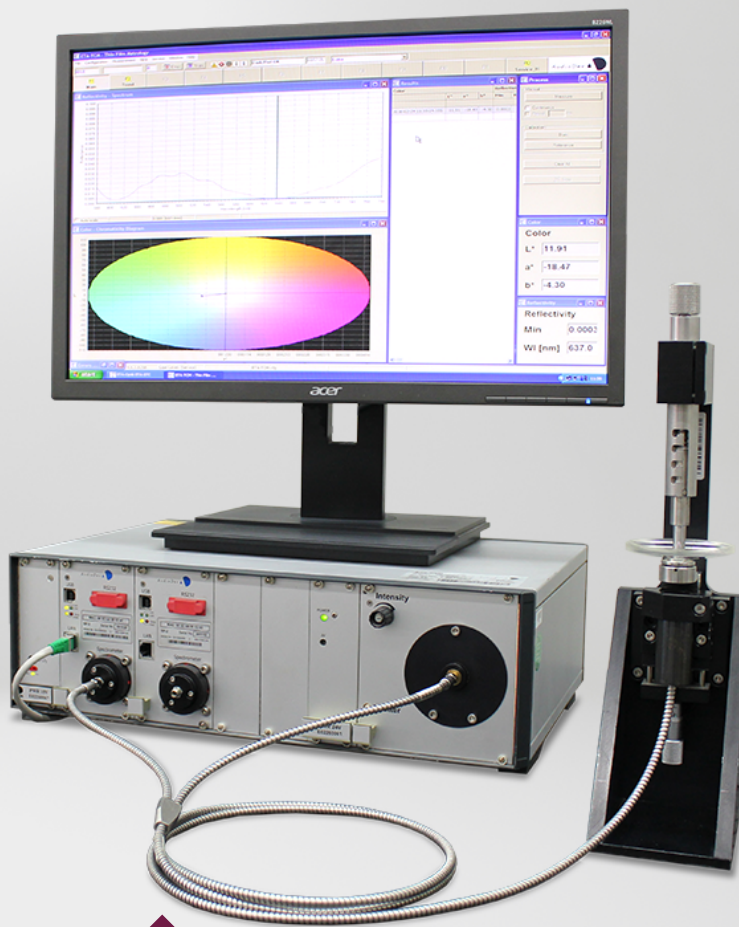




OptoTech

Spectrophotometer ETA-ARC

Precise Reflection and Transmission Measuring System

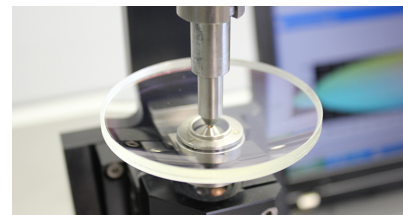


The OptoTech Spectrophotometer ETA-ARC is a fast, precise and easy-to-use measuring system for thin film coatings and hard coatings.



Technical Data

| | Spectrophotometer ETA-ARC |
|----------------------------|--|
| Colour Temperature | 3000 K |
| Optical Resolution | 5.2 nm |
| Spectral Range | 380 to 1070 nm |
| Thickness Range / Accuracy | 0.1-20 µm / ± 0.04 µm |
| Typical Measuring Time | ≤ 0.2 s |
| Wavelength Accuracy | ± 0.5 nm |
| Disclaimer | All data are subject to change without notice. Please verify details with OptoTech. |



Highlights

- Fast, precise and easy-to-use measuring system for coating properties especially for ophthalmic anti-reflection and hard coatings
- The measurement can be done on the curved ophthalmic lenses directly without any special preparation of the backside. Front and backside can be measured individually
- No preparation of the backside surface necessary: Measuring probe rejects 100% of the backside surface reflections on ≥ 2mm substrates
- No roughening or blackening of the sample-backside needed for Features substrates with a thickness of ≥ 2mm

Performance Characteristics

Measuring of coating properties:

- Residual reflectance
- Color and color matching (dE-Lab)
- Layer thickness of hard coating (single and dual layer HC)

Options

- Transmission Unit