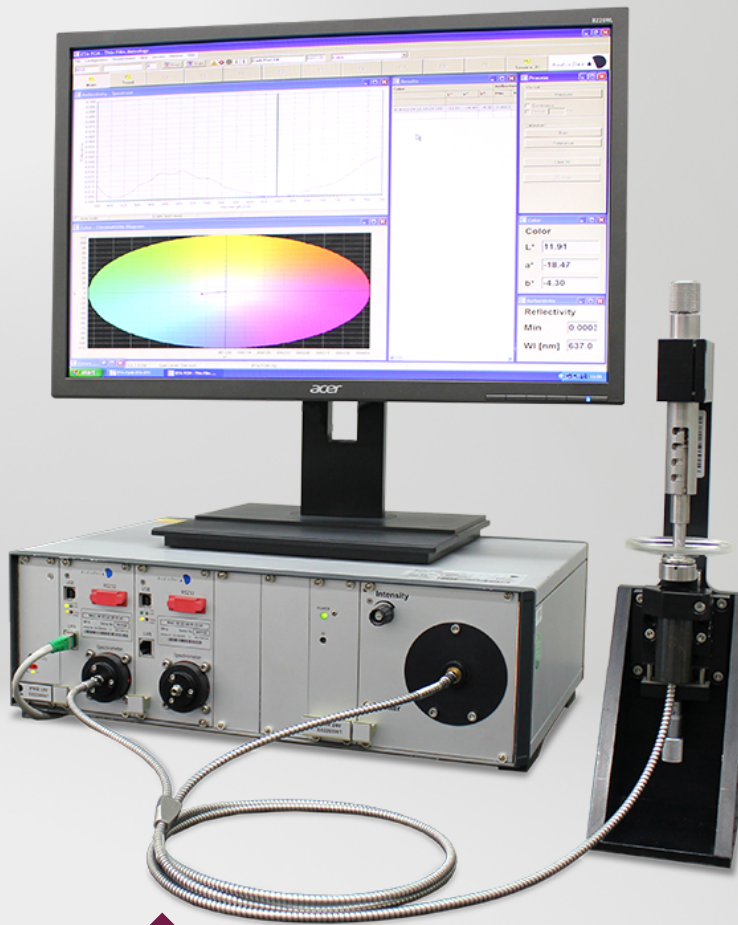




OptoTech

# Spectrophotometer ETA-ARC

Precise Reflection and Transmission Measuring System

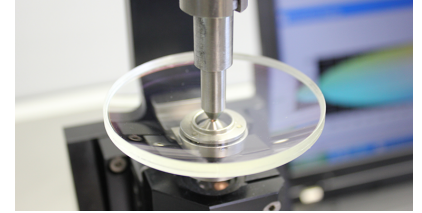


The OptoTech Spectrophotometer ETA-ARC is a fast, precise and easy-to-use measuring system for thin film coatings and hard coatings.



## 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 $\mu\text{m}$ / $\pm 0.04 \mu\text{m}$
Typical Measuring Time	$\leq 0.2 \text{ s}$
Wavelength Accuracy	$\pm 0.5 \text{ nm}$
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  $\geq 2\text{mm}$  substrates
- No roughening or blackening of the sample-backside needed for Features substrates with a thickness of  $\geq 2\text{mm}$

## 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