

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

Metricon: 2010/M Prism Coupler

RRID:SCR_020256

Type: Tool

Proper Citation

Metricon: 2010/M Prism Coupler (RRID:SCR_020256)

Resource Information

URL: <https://www.metricon.com/model-2010-m-overview>

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Description: Refractometer that utilizes advanced optical waveguiding techniques to rapidly and accurately measure both the thickness and the refractive index/birefringence of dielectric and polymer films as well as refractive index of bulk materials. The 2010/M offers advantages over conventional refractometers and instruments based on ellipsometry or spectrophotometry: Completely General no advanced knowledge of optical properties of film/substrate required, Routine index resolution of ± 0.0005 (accuracy of up to ± 0.0001 available for many applications see specifications), Routine index resolution of ± 0.0003 (resolution of up to ± 0.00005 available for many applications see specifications), High accuracy index measurement of bulk, substrate, or liquid materials including birefringence/anisotropy, Rapid (20-second) characterization of thin film or diffused optical waveguides or SPR sensor structures, measurement of index vs wavelength, Options to measure index vs temperature (dn/dT), and waveguide loss, and Wide index measurement range (1.0-3.35).

Resource Type: instrument resource

Keywords: Metricon, Refractometer, Instrument Equipment, USEdit

Availability: Commercially available

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_020256.pdf

Resource Name: Metricon: 2010/M Prism Coupler

Resource ID: SCR_020256

Alternate IDs: Model_Number_2010/M

Record Creation Time: 20220129T080349+0000

Record Last Update: 20260801T190646+0000

Ratings and Alerts

No rating or validation information has been found for Metricon: 2010/M Prism Coupler.

No alerts have been found for Metricon: 2010/M Prism Coupler.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.