### Golden Eye III Integrating Sphere for FT-IR



# Golden Eye III

## High-spec Integrating sphere that can be mounted in FT-IR spectrometer sample chamber



An FT-IR accessory suitable for measuring total hemispheric emittance and transmittance

> Samples with high diffusivity can easily be measured

- High sensitive MCT detector embedded
- Purge port equipped
- Fits inside FT-IR sample chamber
- Other detectors available

### Spec

Integrating sphere: 10 cm (inner diameter), gold coated

17° Incident angle:

Sample port:  $\varphi$  10 mm  $\times$ 2 ports (transmission/reflection)

Wavenumber region: 4000-500 cm<sup>-1</sup>

Output voltage:  $\pm 10 \, \mathrm{V}$ 

Input electricity:  $\pm 15 \text{ V}, 150 \text{ mA}$ 



1-4-12 Koishikawa, Bunkyo-ku, Tokyo 112-0002 Japan

Tel. +81-3-3868-2634 Fax. +81-3-3868-2633 https://www.systems-eng.co.jp info@systems-eng.co.jp