

FT-IR Accessories

Over the years, Designs & Prototypes has developed IR accessories for use with our portable FT-IR spectrometer systems.

Warm/cold blackbodies

- 1" and 2" diameter sizes (no 4" available)
- Efficient Bipolar Controller
- Powered and Controlled from Spectrometer
- Temperature Range 3 to 95 C
- Readout Accurate to ± 0.2 C
- Use on Model 102 or TurboFT (Model 102 Pigtail Blackbody Shown)



IR Telescopes

- 1", 2", 4" diameter sizes
- FOV 4.8°, 2.4°, and 1.2° respectively
- Through the lens optical viewer
- Compact Cassegrain Design (4")
- High Quality Optics for Imaging
- Sliding Shroud for Stray Light (4")
- All Reflective Optics
- Use on Model 102 or TurboFT



4" IR Telescope as shown at left

- 4" (10cm) Diameter IR Telescope
- Overall Dimensions: (w/o viewer)
- 5.5" Dia. X 4.0"L; viewer adds 3.5"
- (14cm Dia. X 10cm L; viewer adds 8.9cm)

Radiometric Field Accessories

- 1" Thermoelectrically controlled hot/cold blackbody calibrator
- Labsphere brand 5" x 5" and 10" x 10" diffuse gold plates
- Heavy duty tripod
- 4 liter liquid nitrogen pouring Dewar bottle