Photograph of the Compact Remote TR- Fluorescence Spectrograph

Also referred to as Planetary Compact Gatable (PCG) - LINF system with 355 and 532 nm laser excitation

Collection Optics 25.4 mm
Spectral Range 380-800 nm
Spectral Resolution ~2.3 nm

Spectrograph Dimensions 50 mm³
Spectrograph mass (Al metal body) = 333 g
Mini-ICCD Mass (Al metal) = 620 g
Total mass (Al) = 953 g
Total mass (Mg body) = 0.60 kg
Total mass (Be body) = 0.64 kg

CCD chip = 1392x1040 pixels
Pixel size = 6.45 µm²