



Luminar 3030 Free Space™ NIR Analyzer (Separate Optical and Electronic Modules)

Brimrose Solid-state AOTF-NIR Free Space Analyzers are built to be placed directly into the production line for non-contact, non-destructive measurements of Chemical and Physical properties of Powders, Solids, Liquids, gels, etc. in Diffuse Reflectance mode. The Analyzer can be integrated in a vast variety of housing to match your process area classification.



Dual beam, pre-aligned lamp assembly, InGaAs detectors, NEMA 4X powder-coat painted Rose enclosure, embedded computer, modem, ethernet interface, SNAP!™ Brimrose analytical software and Brimrose MACRO Language

Luminar 3030 16,000 wavelengths per second

701
705

Free space optical head for 9x5 mm sample area at 65 mm working distance
Free space optical head for 5x3 mm sample area at 42.5 mm working distance



To be specified:

- Wavelength range
- Cable length between free space optical head and Electronics enclosure

To be ordered **separately:**

700-26

- Air-flow curtain
- Purging system (for EXP proof models)
- IQ, OQ Documents
- PERFTEST Software
- NIRPQMS Additional Software package (21 CFR 11 Compliant)
- Training, Installation Support

One of following electronics for free space head MUST be ordered with Optical module:

760
761
763

Electronics for one chassis, vortex cooled NEMA 4X enclosure
Electronics for one chassis, TE cooled NEMA 4X enclosure
Electronics for one chassis, fan cooled 19" rack-mount enclosure