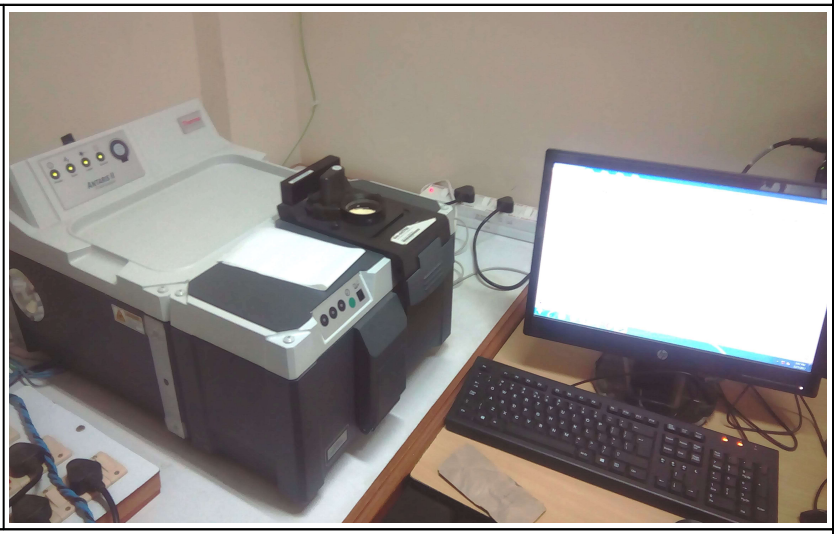
Fourier transform near infrared (FT-NIR) analyzer

Make: Thermo Scientific
Model: Antaris™ II
Condition: Good



Type of analysis possible

- Qualitative Analysis
- Quantitative Analysis

Recommended for:

- Solids
- Powders
- Grains
- Tablets

- Analyze any sample type rapidly and accurately
- The Antaris II FT-NIR analyzer and RESULT software have been shown in this raw material application to be very effective tools for integrating FT-NIR analytics into the front end of a process analytical protocol.
- Reproduce results regardless of configuration, maintenance, user or environment
- Achieve fast, precise and accurate measurements in the lab or in the plant

Specification

Detection	High sensitivity, high stability matched InGaAs
Interferometer	Proven, frictionless, stable, long-life Michelson

Contact Us

Contact :
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Operating Temperature Range	15° to 35°C (59° to 95°F)
Operator Communication Indicators	Red, yellow and green LED indicators communicate pass/fail/prompt
Photometric Linearity	Slope 1.0 ±0.05 and an intercept of 0.0 ±0.05
Spectral Range	12,000 - 3,800 cm^{-1} (833 - 2,630 nm)
Resolution	4 cm^{-1} across spectral range (.6 nm at 1,250 nm); 2cm^{-1} option across spectral range (.3 nm at 1,250 nm)

User Instructions

1. Expected quantitative and qualitative data can be provided.
2. Solvent for mobile phase should be mentioned or solubility of compound in volatile solvent should be given.
3. The operating conditions should be supplied along with the sample.
4. Source of the compound should be mentioned.
5. MS-DS (Material Safety Data Sheet) should be given along with samples to ensure that there are no toxic sample being given. Samples should not be toxic or hazardous. Samples will not be accepted unless accompanied by MS-DS.
6. Quantitative analysis will be subjected to the availability of the compound library for the analysis