Product Name : Fourier Transform Infrared Spectrometer and FTIR Spectrometer	Product Code : LBNY-0001-500001

Description :

Fourier Transform Infrared Spectrometer and FTIR Spectrometer, Fourier Transform Infrared Spectrometer and FTIR Spectrometer Equipments, Fourier Transform Infrared Spectrometer and FTIR Spectrometer Tools, Fourier Transform Infrared Spectrometer and FTIR Spectrometer Tool Kits, Fourier Transform Infrared Spectrometer and FTIR Spectrometer Manufacturers, Fourier Transform Infrared Spectrometer and FTIR Spectrometer Suppliers from India, China, Kenya

Lab Tender Suppliers Africa and Lab Equipment Africa Kenya, Uganda, Sudan, Algeria, Morocco, Angola, Ghana, Mozambique, Madagascar, South Africa, Ivory Coast, Cameroon, Niger, Burkina Faso, Mayotte, Sao Tome, Seychelles, Zambia, Chad, Somalia, Senegal, Zimbabwe, Guinea, Rwanda, Benin, Burundi, Tunisia, South Sudan, Mali, Malawi, Nigeria, Ethiopia, Egypt, DR Congo, Tanzania, Togo, Sierra Leone, Libya, Congo, Central African Republic, Liberia, Mauritania, Eritrea, Gambia, Botswana, Namibia, Gabon, Lesotho, Guinea Bissau, Equatorial Guinea, Mauritius, Eswatini, Djibouti, Reunion, Comoros, Cape Verde, Western Sahara

Technical Specification :

It is wildly used by materials science, bio pharmaceutical, petrochemical, food safety and other industry analysis instruments, it's also adopted by university laboratory for scientific research and teaching.
Wave length number range: 7800 ~ 375 cm-1
Interferometer: Michelson interferometer with 30 degree of incidence angle
100% ? line tilt range: Better than 0.5 ? %?2200~1900cm-1 ?
Spectral Resolution: 1 cm-1
Signal noise ratio: 30000:1 (DLATGS, resolution@4cm-1. sample and background scan for 1 min@2100cm-1)

Detector: High resolution DLATGS detector with Moisture-proof coating, Broad band MCT for 12000 – 450 cm-1 and DLaTGS detector for 8000 – 350 cm-1.

Beam splitter: KBr coated with Ge

Light source: Long-life, air-cooled IR light source

Electronic system: A/D converter of 24 bits at 500MHz, USB 2.0

Electricity: 110-220V AC, 50-60Hz

Dimension: 450*350*235mm

Weight: ?20kg

Spectroscopy Software: A PC-based data system to control the spectrometer optics and signal processing and manipulation

Computer Interface: Ethernet connection

A personal computer along with laser-jet printer with duplex option supplied with following specification:

Motherboard: Intel processor; RAM: >4 GHz, 4GBRAM Hard Disk: 1 TB HDD or better

DVD; Monitor: 21.5" TFT display Ports: USB 3.0, USB,2.0, Ps/2, RJ-45, VGA, PClex16(1), Pclex4(1), pclex1(2), display port

Operating system: windows 10 or better.

Laser jet duplex printer: One toner cartridge should be supplied along with the printer.

Laboratory Instrument India