



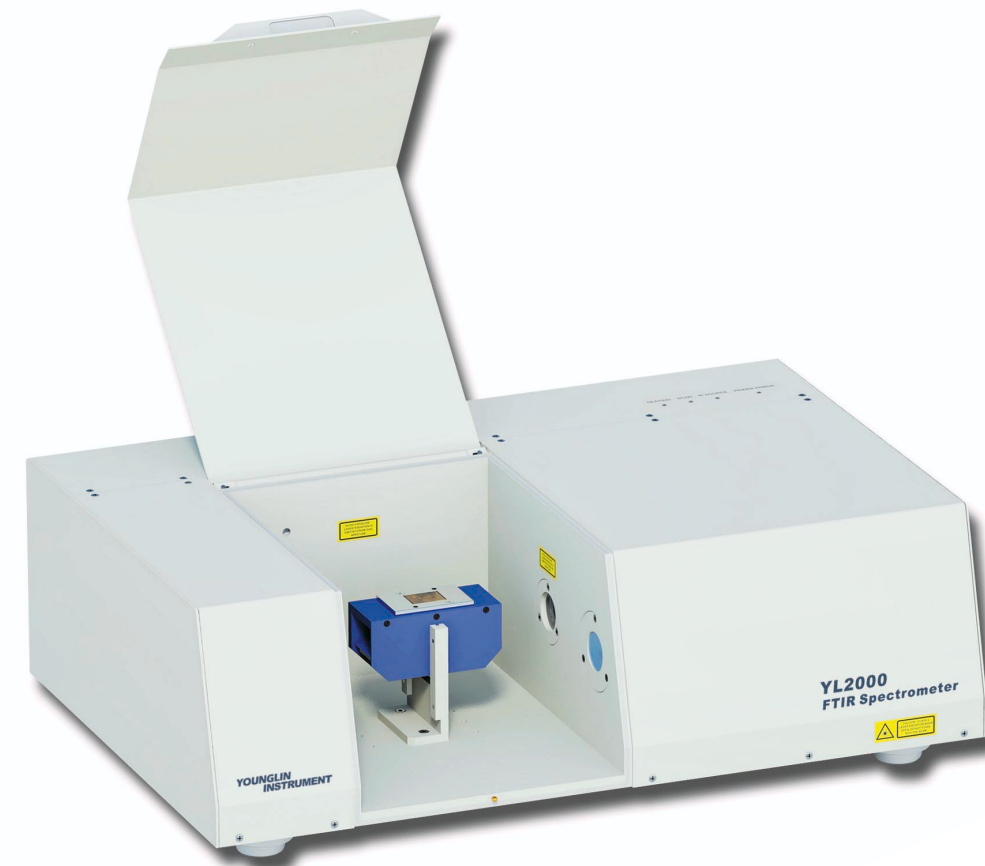
These Products are manufactured by Young Lin
ISO 9001-certified facility that is periodically
audited by the registering body to ensure compliance

Technical Specifications

	YL2000 FT-IR	YL2300 FT-IR
Wavelength range, IR	7800 to 380 cm ⁻¹	7000 to 400 cm ⁻¹ (without ATR accessory)
Wavelength range, NIR	15000 to 3850 cm ⁻¹	15000 to 3850 cm ⁻¹
Spectral Resolution (standard)	1 cm ⁻¹ (8 cm ⁻¹ - NIR)	2 cm ⁻¹ (8 cm ⁻¹ - NIR)
Spectral Resolution (optional)	0.5 cm ⁻¹	1.0 or 0.5 cm ⁻¹
Interferometer	Self aligning	Self aligning
Beamsplitter, standard IR	Multicoated KBr	Multicoated KBr
Sample compartment	W20 x D26 x H16 cm	-
Accessories	Ordinary FTIR accessories	Integrated accessories either for ATR, or reflection and transmission measurement
IR source	High intensity air cooled	High intensity air cooled
Detector, IR Standard	low noise DLATGS	low noise DLATGS
Detector, IR Optional	MCT	-
Operating system	Windows based	Operating system
Power	90-230 VAC, 12 VDC, 35 W	90-230 VAC, 12 VDC, 40 W
Dimensions	W59 x D39 x H19 cm	W49 x D39 x H20 cm
Weight	24 kg	18 kg

YL FT-IR Spectrometer

Think Smart Work Better



YOUNG LIN INSTRUMENT CO., LTD

Young Lin Bldg., 899-6 Hogye-dong, Anyang, 431-836, Korea
TEL : 82-31-428-8700 / FAX : 82-31-428-8779
E-mail : export@younglin.com Homepage : www.younglin.com

Date : Jan., 2011

You need more words than “Reasonable Price” for YL FT-IR Spectrometer.

■ ■ ■ Reliable and Reproducible Data

- No interference of humidity by desiccated and sealed interferometer
- Excellent and stable wavelength emission by air cooled infrared sources
- Shock-resistant by interferometer lock when transporting

■ ■ ■ High Performance

- DLATGS Detector with high sensitivity, excellent linearity and broad spectral response
- Self compensated alignment at an optical system

*MCT detector is also available.

■ ■ ■ Easy of Use

- Data acquisition by intuitive software at a glance
- Simple to control FT-IR and manage data at your fingertip
- Data conversion to MS Excel
- Fully compatible with window XP/7
- Library search (Optional)



YL2000 FT-IR
> Bench-top



YL2300 FT-IR
> Portable

■ ■ ■ Applications

- Polymer analysis
- Foods research
- Quality assurance and control
- Pharmaceutical research
- Lubricant formulation and fuel additives
- Environmental and water quality analysis methods
- Biochemical and biomedical research
- Academic field

■ ■ ■ Available Accessories

- Transmission sampling products
- ATR products (Single/Multi Reflection)
- Diffuse reflectance products
- Specular reflectance products
- Gas sampling accessories
- Sampling kit products

* Most accessories from other makers are compatible with YL FT-IR spectrometer