

FTIR

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

afr@nt-rt.ru || <https://agilent.nt-rt.ru/>

Batteries & Power Supplies for Hand-held FTIR Systems

Agilent offers a range of replacement battery packs, power supplies, and battery chargers to support operation of the portable and hand held FTIR systems. Those parts are suitable for use with the 4100 ExoScan, 4200 FlexScan, 4300 Handheld and 4500 Series Portable FTIR systems.



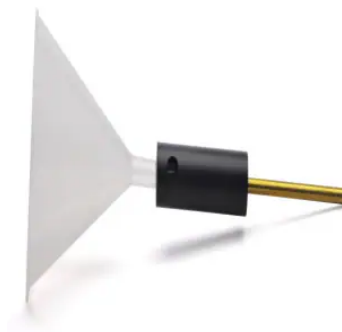
Product List

Part Number	Product Description	Unit
G8180-67000	Battery charger, for Agilent 4300 Handheld FTIR	1 Each
800-2004	PDA Battery for hand-held 4100/4200/4500 FTIR	1 Each
G8180-67135	Power supply, 15 V DC, for Agilent 4300 Handheld FTIR	1 Each
G8180-67147	Replacement battery, for Agilent 4300 Handheld FTIR	1 Each
800-2005	Spare lithium-ion battery for 4100/4200 FTIR	1 Each
0023-200	Y-Interface cable for AC power and USB, for Agilent 4100 ExoScan FTIR	1 Each

FTIR Instrument & Imaging System Supplies

An external reflectance measurement using FTIR requires a reference sample to collect the background measurement. The reference sample is a disk that snaps onto the tip of the reflectance probe.

A range of reference caps are available, each designed to handle a different purpose for the type of sampling interface and sample being measured



Product List

883-9750	Attenuation screen, 1/pk	1
899-1794	Desiccant cartridge for FT-IR spectrometer, to prevent water vapor diffusing into spectrometer enclosure, replace when indicator crystals turn pink	1 Each
9910141100	Filter Kit, Attenuation	
0023-300	Gold reflectance reference cap for external reflectance with 4100/4200	1 Each
HARRICK-KBR-100	KBr powder, spectroscopic grade, 100 g, 1/pk	1 Bottle
SPECAC04090	Polishing lapping paper, 5/pk	5
G8043-67405	Polystyrene film for Diamond ATR/Transmission sampling accessory	1 Each
G8043-67406	Polystyrene film for Tumbler/DialPath sampling accessory	1 Each
0023-301	Polystyrene frequency reference cap for use with external reflectance sample interface with 4100/4200 FTIR.	1 Each
PIKE-160-8016	Potassium chloride, 100 g chunks	1
G8180-67563	Reference cap, diffuse, coarse, for Agilent 4300 Handheld FTIR	1 Each
G8180-67560	Reference cap, gold, coarse, for Agilent 4300 Handheld FTIR	1 Each
G8180-67564	Reference cap, mirror, gold, for Agilent 4300 Handheld FTIR	1 Each
G8180-67562	Reference cap, mirror, stainless steel, for Agilent 4300 Handheld FTIR	1 Each
G8180-67300	Reference sample, polystyrene, for Agilent 4300 Handheld FTIR	1 Each
G8043-67401	Replacement desiccant cartridge with purge fitting	1 Each
099-1925-3	Replacement diamond crystal, for slide-on ATR accessory, 1/pk	1 Each
G8043-67483	Replacement flat tip for Diamond ATR	1 Each
099-1925-1	Replacement Ge crystal, for slide-on ATR accessory, 1/pk	1 Each
G8043-67484	Replacement pellet tip for Diamond ATR	1 Each
G8181-67611	Retro-reflector, deuterated triglycine sulfate (DTGS), for Agilent 4300 Handheld FTIR	1 Each
G8180-67610	Retro-reflector, mercury cadmium telluride (MCT), for Agilent 4300 Handheld FTIR	1 Each
013-3039-1	Sample holder with aperture	1
899-1752	Sample probe, tube, 1/pk	1
PIKE-161-1903	Spare anvils for 161-1900, 1/pk	1
925-0128	Test film, polystyrene, NIST traceable, set of 2 films each mounted in 2 x 4 in card holder that fits into universal slide mount	2 Each
2010128000		

Features

- Use the coarse gold mirror reference cap for standard diffuse samples or external reflectance
- Use the smooth gold mirror reference cap for external reflectance (45° or grazing angle)
- Use the coarse silver mirror reference cap for extremely diffuse samples
- Use the smooth silver mirror reference cap for highly reflective samples typically requiring grazing angle measurements

FTIR Oil Analyzer Supplies & Standard kits

FTIR spectroscopy can be used to detect common contaminants, lube degradation byproducts and additives within lubricating oils. Optimize performance and maximize efficiency with Cary FTIR Oil Analyzer supplies. These supplies, which ensure the perfect fit for optimum productivity and reduced errors.



Product List

Part Number	Product Description	Unit
697-5392-1	3X8(24 BOTTLE) RACKSP6188	1 Each
697-5392-2	4X10 (40 BOTTLE RACK) SP6186	1 Each
697-5392-3	5X11 (55 BOTTLE RACK) SP6187	1 Each
013-4825-1	Oil analyzer tool and part kit, 1/pk	1 Kit
884-2829	Polystyrene test film for oil analyzer	1 Each
899-1599	PUMP HEAD, EASY-LOAD II	
815-0631	Pump tubing, FPM fluoroelastomer polymer, 25 feet/pk	1 Roll
013-5353	Replacement ZnSe sample cell assembly, 1/pk	1 Each
815-0619	Tubing, 1/4 in, precision FPM, 1/pk	1
815-0616	Tubing, PTFE, 3/32 in id x 5/32 in od, 1/pk	1 Each
815-0640	Tubing, Tygon, fuel, 1/4 x 3/8 in, Agilent oil analyzer	1
815-0639	Tubing, Tygon, fuel, 1/8 x 1/4 in, Agilent oil analyzer	1 Each

FTIR System Source Lamps

Mid-IR and tungsten-halogen source lamps provide good intensity over the widest possible wavelength range. These lamps provide optimum stability to ensure the best performance with Agilent FTIR systems. They are selected by our QC process to ensure the optimum lifetime.



Product List

Part Number	Product Description	Unit
110805200	Assembly source single mir, 1/pk	1
989-0083	Lamp, 1/pk	1
5610136500	Lamp, miniature quartz halogen 325/335, 1/pk	1
110805990	Mid-IR source element assembly, spare	1 Each
G8043-67400	Replacement infrared source with purge fitting	1 Each
013-3300	Source element, FTIR, FTS 4060	1 Each
013-3243	Source element, NIR, FTS 7000	1 Each
9910141700	Xenon and deuterium external source kit	1

Features

- Designed to provide optimal intensity, sensitivity, and stability
- Built to meet highest-quality standards and strictest safety regulation
- Rigorously tested for best lamp-to-lamp consistency
- Robust and long-lasting to lower your cost of ownership
- Extensively tested to ensure they meet the tightest specifications and quality standards
- Recommended for use with Agilent FTIR instruments
- High intensity air-cooled ceramic Mid-IR source provides high power and long life for continuous operation
- Tungsten-Halogen NIR source covers wavelength range from 25,000 - 2,100 cm⁻¹

Sample Compartment Windows for Cary FTIR Systems

Agilent offers a wide range of high quality window materials to suit your analytical needs, such as KBr, KRS5 and ZnSe.

Important considerations when selecting a window are the wavelength range transmitted, solubility, reactivity, the refractive index, and the mechanical and thermal characteristics.



Product List

Part Number	Product Description	Unit
PIKE-160-1127	25 x 4 mm krs-5 wndw, 1/pk	1
PIKE-160-1125	32 x 3mm KRS-5, drilled, 1/pk	1
810207300	Holder window ring	
G8043-67402	KBr window with removal tool and purge fitting	1 Each
PIKE-160-1009	KBR window, 25 x 4mm, 6/pk	6
PIKE-160-1015	KBR, 32 x 3 mm, drilled, 6/pk	6
PIKE-160-1010	KBR, 32 x 3 mm, undrilled, 6/pk	6
PIKE-160-1126	KRS-5 32 x 3mm, undrilled, 1/pk	1
110835000	Sample compartment window assembly, KRS5, for Agilent 600 FTIR	1 Each
210228390	Window assembly, KBr, pair, spare only	1 Each
110834990	Window assembly, KBr, single	1 Each
210228490	Window assembly, KRS5, pair, for Agilent 640 FTIR	1 Each
G8043-67403	ZnSe window with removal tool and purge fitting	1 Each

Features

- Ideal for FTIR Spectroscopy
- Excellent transmission (wavelength range depends on material type)
- Good resistance to mechanical shock
- Windows are available in standard sizes
- Windows are individually packaged and silica gel is included to protect windows from exposure to humidity

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

afr@nt-rt.ru || <https://agilent.nt-rt.ru/>