

MTEC PHOTOACOUSTICS, INC.
Retail Price List 1 July 2024
Prices are in US\$, FOB Ames, Iowa USA

PART #	ITEM	PRICE
PAC300	Model 300 Photoacoustic Detector Accessory for all FTIRs and non FTIR uses	\$9,520.00
	Baseplate Mounted Units	
PAC300-ESP	Model 300 Photoacoustic Detector Accessory for Thermo-Nicolet	9,835.00
PAC300-BR	Model 300 Photoacoustic Detector Accessory for Digilab-BioRad	9,835.00
PAC300-PE	Model 300 Photoacoustic Detector Accessory for Perkin-Elmer	9,835.00
PAC300-AG	Model 300 Photoacoustic Detector Accessory for Agilent	9,835.00

Please contact MTEC for baseplate mounts for all other FTIRs.

Model 300 photoacoustic detector accessories include preamp, microphone, center focus mirror, and KBr window, power supply (if power is not available from the FTIR), sample holder with funnel and 5 large and 5 small cups, 5 brass spacer inserts, carbon black reference with holder, cables, flowmeter, and hermetically sealed storage case.

SAMPLING HEADS AND ACCESSORIES PAC300

SH003	Multisampling Accessory for Diffuse Reflectance, Photoacoustic Absorbance, and Transmittance	\$1,491.00
SH004	Microsampling Accessory for single Particle and Fibers with micromanipulator	1,292.00
MIC001	Microscope for SH004 including stereo microscope with 10X and 30X magnification, fiber optic illuminator, gliding stage and micro-manipulator mount	3,146.00
ML001	Motorized lapper, power supply, packs of 20 abrasive disks in 1, 3, 12, and 30 micrometer abrasives, 4 lapping pucks, digital gauge	7,240.00
ML002-XX	Pack of 20 abrasive disks where XX=1, 3, 12, 30, or 60 micrometers	18.00
ML003	4 Lapping Pucks	155.00
PUNCH-001	Sample Punching Device	734.00

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PART #	ITEM	PRICE
REPLACEMENT PARTS FOR SH003 & SH004		
SH003-DRH	Replacement DR Head for SH003 option	\$610.00
SH003-TRH	Replacement TR Head for SH003 option	610.00
SH003-TRR	Replacement TR Ring for SH003 option	20.00
SH003-OR	Replacement O-ring kit for SH003 option	27.00
SH004-NM	Replacement Needle Mount for SH004 option	20.00
SH004-TN	Replacement tungsten needles for SH004 option	80.00
REPLACEMENT AND MISCELLANEOUS PARTS FOR PAC300		
Cables		
CB001	Signal BNC to BNC Cab1e	\$74.00
CP004	Power Supply Cable	168.00
CS002-X	Signal BNC to Instrument Cable (Specify Instrument = X)	144.00
CVB001	Signal BNC Vacuum Connector without cable for vacuum Bruker	70.00
CV002	Power Supply Vacuum Connector with cable for vacuum Bruker	300.00
Carbon Black Reference Options		
GC001	Glassy Carbon Reference	\$294.00
GC001-M	Glassy Carbon Reference mounted in holder	364.00
SH008	Carbon reference with holder	383.00
SH008-M	Replacement carbon reference without holder (customer replacement)	336.00
CAB001	Replacement carbon reference absorber element with factory installation	305.00
Sample Cup and Sample Holder Options		
SH007	Extra sample cup holder with 5 small aluminum and 5 large stainless steel cups and 5 brass spacer inserts	\$436.00
SH009	Extra sample holder	292.00
SH006	Extra sample cup set (5 large stainless steel and 5 small aluminum cups)	84.00
SPA001	Set of 5 Brass Spacers & 2 aluminum spacers	71.00
LSC001	Set of 5 large stainless steel sample cups	44.00
SSC001	Set of 5 small aluminum sample cups	27.00

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PART #	ITEM	PRICE
Windows		
WK001	KBr Window	\$61.00
WC002	CsI Window	276.00
WQ003	Quartz Window	135.00
WP004	Polyethylene Window	51.00
WZ005	ZnSe Window	275.00
WR006	KRS 5 Window	278.00
Miscellaneous		
PA001	Purge Adaptor for Model 300	\$95.00
CFM001	Center Focus Mirror and Post	515.00
CP004	Power Supply Cable	168.00
CS-USA	Cord Set for USA, Canada, or Japan	34.00
CS-XXX	Foreign Cord Set (XXX = Specify Country)	44.00
FH001	Flowmeter for helium purging	288.00
FN001	Replacement Funnel	45.00
LCD001	Liquid Crystal IR Detector	39.00
MR002	Microphone Replacement	1,890.00
Replacement Parts for PAC300:		
OR001	Replacement O-ring kit	\$17.00
PS300	Power Supply, Cable, and Cord Set	368.00
PS3	Power Supply without cable or cord set	200.00
RWG001	Window Gasket for Model 300	2.00
Sample Analyses		
	Sample Analysis – Macrosamples	Please call for pricing.
	Sample Analysis – Microsamples	Please call for pricing.