

Instruments Available as of October 15, 2009

Email: info@heartlandbiotech.com for details

90-day warranty included with all instruments. Installation and service contracts also available.

Qty	Make	Model	Description
1	Alpha Innotech	AlphaArray 7000	High throughput microarray reader
7	Amersham	Autocleave	Custom Autocleave system
1	Applied Biosystems	7700	The ABI PRISM® 7700 Real Time PCR System is a fully integrated system for real-time detection of PCR. Includes built-in thermal cycler, a laser to induce fluorescence, CCD (charge-coupled device) detector, real-time sequence detection software with the Apple data system.
4	Applied BioSystems	8909 Expedite	ABI 8909 Expedite Synthesizer
3	Applied BioSystems	MOSS	MOSS Unit for 8909 Expedite
2	Beckman Coulter	Biomek FX 717007	Beckman Coulter Biomek® FX Single Arm System with Span-8 pipettor.
1	Beckman Coulter	Biomek FX 717013	Beckman Coulter Biomek® FX Dual Arm System with Span-8 pipettor.
6	Beckman Coulter	B2000	Biomek 2000 Robotic Liquid Handler
5	Beckman Coulter	Wash-1	Wash Tool
6	Beckman Coulter	P1000L	P1000 Tool w/Liquid Level Sensing
5	Beckman Coulter	P200L	P200 Tool w/Liquid Level Sensing
1	Beckman Coulter	508 AutoSampler	Autosampler for Beckman Gold HPLC system
150	Beckman Coulter	Tube rack	128 Position 2mL tube rack for B2K
3	Beckman Coulter	Wash Unit	Wash Station for B2K
1	Beckman Coulter	Airfuge	Air driven high speed centrifuge
1	Beckman Coulter	144001	P/ACE MDQ Capillary Electrophoresis System
1	Beckman Coulter	727620	488nm Laser Module
1	BioTek Instruments, Inc.	ELx50/8	Microplate Strip Washer
2	Boekel	260700	Incubator

1	Cartesian Technologies	synQUAD Degasser SFE 590	synQUAD Degasser is designed to work with the Cartesian Technologies synQUAD workstation. The unit operates by a combination of pulsed ultrasonics with a vacuum source. This combination results in a wave included cavitation and a rapid release of dissolved gases.
2	Clay Adams	421105	Nutator mixer rocker.
1	Cole-Parmer Instrument Co.	7592-82	Masterflex I/P Pump Controller
2	Cole-Parmer Instrument Co.	08849-00	1 pint stainless steal ultrasonic cleaner.
1	Corbett Research	R6-2072	Real time PCR Cycler
1	Coulter	Q-Prep	Standardized cell preparation with excellent reproducibility. Fastest patient results with a 35-second cell lyse process. Reduction in labor cost, compared to manual methods. Semi-automated performance at an incredible value. Consistent whole blood preparation with ImmunoPrep reagent system.
1	COY Laboratory Products	CleanSpot	PCR Workstation just 25 - 30 mins of UV irradiation in the coy cleanspot can prevent unwanted PCR contamination
6	Dickson	THDX	Remote sensing temperature recorder, New in box
5	Dickson	KTX	Remote sensing temperature recorder, New in box
1	E-C Apparatus Corp.	EC500-90	Power supply 0-2000 Volt
1	E-C Apparatus Corp.	EC600-90	Power supply 0-4000 Volt
1	Fisher		Isotemp Incubator
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1	Fisher Scientific	04-977-AR	Centrifuge Fisher 24 place 1.5mL tube holder. Time control 0-30 min. and variable speed control 0-12100 rpm.
1	Fisher Scientific	11-718-2	Dry bath incubator

1	Genra Systems	AutoPure LS	AUTOPURE LS combines the advantages of automation with Genra Systems' time-tested PUREGENE chemistry to purify DNA from large samples. AUTOPURE LS is designed to handle substantial quantities of large samples, to meet the need for high-volume DNA purification in demanding areas such as linkage analysis, clinical trials and population-based genetic association studies. AUTOPURE LS enables high-throughput labs to gain efficiency, consistent quality and yield, and economies of scale.
3	Hamilton	Starlet Robotic Liquid Handler	Span-8, Like new condition, includes custom enclosures, \$125K New
1	Hewlett Packard MC	HP MC/Service Guard Cluster	HP Server system containing 2 Cisco Catalyst 6509 Switches, 1 HP-9000/N4000 Oracle RDBMS Server, 1 HP-9000/L2000 Oracle Applications Server, 1 HP-9000/L2000 Oracle Development Server, 1 HP ShureStore E DLT-8000 Tape Library, 2 Brocade FC-AL Switches, and 1 EMC CLARiiON FC5400 Disk Array. System is in good condition and includes most manuals.
1+	INNOPSYS	I-900	Hign-resolution microarray scanner, New.
3	Intermex	4440	Thermal Label Printer
1	Jecons		Mini Robotic Liquid Handler
1	Labconco	E2M8	Rotary vacuum pump
1	Labconco	78110-00 B	Centrivap cold trap
1	Liconic	Stx200ic	Integrated 198-Microtiterplate Handling. Temperature and Humidity Control. Stand-Alone or Bench-Top
1	Liconic	STX40	Automated Incubator
1	MasterFlex	77200-62	Peristaltic Pump
1	Metrologic	MS 6720	Bar code scanner
1	Millipore	Biocell	Water Purification System
1	Molecular Dynamics	FSI595	Imager 595
1	Molecular Dynamics	MegaBace1000	Capillary Sequencer

1	Oxford Labware	8889-001007	Bacti-Cinerator III, 50 to 60 cycles AC
1	Perkin Elmer	N8030001	GeneAmp PCR 2400 System
1	Perkin Elmer	377	ABI Prism 377 DNA Sequencer
1	Perkin-Elmer Limited	LS50B	Luminescence Spectrophotometer (needs service)
1	PerSeptive Biosystems	MSP 9500	An automated sample processor designed for manufacturers of analyzers or reagent systems who wish to automate their sample preparation or assay methods. Modular construction make customization for specific sample handling applications quick and easy. The compact size of the MSP 9500 allows placement in most laboratory fume and laminar flow hoods and features a rugged, dependable design.
1	Qiagen - Bio Robot 9604	BioRobot 9604 3646	The BioRobot 9604 is specifically designed to automate nucleic acid purification from clinical samples and cell cultures. High-quality nucleic acids are ready to use in the most demanding and sensitive downstream assays performed by laboratories involved in molecular diagnostics and drug discovery.
1	Rainin	Symphony	Peptide Synthesizer
1	Reliable Scientific	55	Rocking Platform
1	Rhino		Peristaltic Pump
1	Roche	LightCycler 1.5	The LightCycler 1.5 instrument is ideal for single dye or duplex probe-based assays. Using two fluorescence-based methods with three different detection channels and genotyping via melting-curve analysis this instrument also offers online quantification of amplification products in real time. Extremely rapid PCR of only 20 minutes for 30 cycles.
1	Roche	LC Carousel Centrifuge 2.0	The LC Carousel Centrifuge 2.0 is intended for centrifugation of LightCycler capillaries specific for the LightCycler 2.0 instrument and other LightCycler versions.
1	Savant	ISS110	Mini Evaporative Centrifuge
1	Savant	UVS400	Evaporative Centrifuge Vacuum System
1	Tecan	Te-Mo 96	96-well plate handler
1	Tecan	RSP200	Robotic Liquid Handler

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2	Tecan	SpectrFluor HT Prototype	Plate Reader
1	Tecan	LS Reloaded	Fluorescent reader for microplates and microarray scanner
1	Techne	FHB2DP	Hybridization Oven
1	Thermolyne	137925	Features a temperature range from 5°C to 40°C , aluminum chamber, a bimetallic thermostat that controls heat uniformity in the chamber and accurate NIST red spirit thermostat and a pilot light that indicates when heaters are energized.
5	Timberline	TL-105	Column Heater
1	Ultra Lum	UVC-508	Ultraviolet UV Crosslinker
1	Virtek Vision Corp.	CWP-CP	ChipWriter Pro Arrayer with Colony Picker Module
1	VWR	13259-032	Heatblock
1	VWR	13259-038	Heatblock
3	VWR	13259-058	Heatblock
1	VWR	5000	Electrophoresis Power Supply
1	VWR / E-C Apparatus Corp.	VWR-3000	Power supply 0-3000 Volt
1	VWR / E-C Apparatus Corp.	VWR-3000P	Power supply 0-3000 Volt
1	VWR / E-C Apparatus Corp.	VWR5000	Power supply 0-5000 Volt
1	VWR / Henry Troemner LLC	13259-030	Double Dry block heater
1	VWR / IKA Works Inc.	MV1	Single tube vortex mixer.
1	VWR / Scientific Industries	G-560	Vortex mixer
1	VWR / Shel Lab	1209	2.25 liter water bath, ambient to 5° to 100° C
1	Welch	1400B-01	DUOSEAL, PUMP MOUNTED 115V/60HZ,1PH
1	Wheaton		Bottle Roller
4	Zebra	90XIII	Thermal label Printer