

Equipment Report By Room

As of 08/02/2010

Room#	Manufacturer	Instrument	Model#	Serial#	Specifications
125	OHAUS Fairbanks Morse Shadowgraph TMI	Balance, Analytical Mechanical Scale Mechanical Scale Monitor/Burst	AR1140 PN 760 4203-B 13-71-00-001	H0441202391176P 420169 42088-01	110g Capacity
126	Automated Packaging System Inc. Ranpak Corporation Bradman- Lake Inc. Suretorque Lansmont Corporation Decca Shadograph Merrill Machinery Comp. Bekum Speedy Packer System Packaging Aids Corporation PHI Enercon Weldotron Big Joe Oden Hefestus SUB G- L Industries Multiton MIC Corporation Microbot, Inc. Weldotron Stone Atlas Vac Machine Multivac Highlight Industries Multivac	Airpouch Air Pillow System Auto Pad Cushioning System (PadPak) Bradlok Cartoner Capper Compression Test System Decca Feeder Counter Dry Filling Machine Dry Pill Filling Machine Extrusion Blow Molder Foam in Bag System Heat Sealer Hydraulic Press, Heated Induction Sealer L-Sealer Lift Truck Liquid Filling Machine MAP (Shelf Life Booster) Machine Mercury U- Pack Pallet Truck Robotic Arm Shrink Tunnel Skin Packaging Machine Thermoformer (blister packaging machine) Tray Sealer Turntable Stretch Wrap Machine Vacuum Packaging Machine	Express 3 PR120064 Model 152-30TTC 4601 GMA52239 Medvac 24 OL438-C LM2534-2 6020 PDC40-060 Profill 1000 SHP ELE4527X48 TCM 7020 99K R-12 T200 Synergy 3 A300/16	EXP0508106 19942062 15109 AF126 429530 67 974948-056 GMA52239-171998 94-12-015 7072-1 QE46260A 345024 195 0-390067582402 QB75070B 86580 102147 4018	
127	Mettler Toledo TMI TMI AVID (Automated Video Inspection Devices) ARO T.M Electronics Carleton Industries Inc. TMI TMI CSI (Custom Scientific Instruments Inc). TMI TMI TMI Thwing Albert Instrument Company TMI Wilkins Anderson Company Tinius Olsen United States Testing Company, Inc. Sencorp Systems Inc. Sencorp Systems Inc. Sentinel Lako Tool Vertrod TMI ARO PTI (Packaing Technologies & Inspection) Ray-Ran TMI TMI TMI TMI TMI/B.F. Perkins TMI S-T Industries Mocon ARO ARO Sutherland Paper Company Sutherland Paper Company CSI (Custom Scientific Instruments Inc). The School of Packaging	Balance, Analytical Basis Weight Tester Beach Puncture Tester, PN 74X Bottle Video Bottle Inspection System Burst Test Machine Burst Test Machine Burst Tester (Test-A-Pack System 2000) Crush Tester Crush Tester Dart Drop Tester Dart Drop Tester Dead Weight Micrometer Digital Micrometer Elmendorf Tearing Tester Elmendorf Tearing Tester Enamel Rater-II Extrusion Plastometer Gelbo Flex Tester Heat Sealer Heat Sealer Heat Sealer Hot Tack/Seal Tester Impulse Heat Sealer Integrating Reflectometer Integrity Tester Leak Detector Melt Flow Indexer Micrometer Monitor/Burst Monitor/Burst Monitor/Impact Mullen Burst Tester Notching Cutter Optical Comparator Oxygen Permeation Analyzer, Module #2 Porosity Tester Roller Sealer Rub Tester Rub Tester Score Quality Tester Slide Angle Tester	AE 160 367 F100-1380-1 BT-1000 F100-2600-3 17-60-00-0001 17-36 43-26-00-0001 553 49-70-01-0001 83-10 10782 5000 12ASL 16TP 24ASD SL-10 14EP-WC JY9800 F100-1300-1 P225 549M 13-70 13-71 43-02 22-05 20-3500 Ox-Tran Model 2/21, ML Module F099-1020-1 F100-1000-8 CS-190-048	D16644 A14215 303 BT-641 1168 8365-01 CS126-20 21820-05 PN 49 54965-01 5792 A46645 07AM150 168983 12222 12-1371 16-211 24-460 V-16854 160 205382 R-R500259 PN 840 54904-01 60194-01 A26529 4110-79-1148 A26441 R032302 0403R334 132 157 R-86 R-796	160g Capacity

	Lansmont Corp. Teledyne Taber Instron Mocon	Squeezer Stiffness Tester Universal Testing Machine Water Vapor Permeation Analyzer, Module #1,	150-D 5565P6021 Permatran-W Model 3/31, MG- Module	0896AD181	
128	Gavarti Associates Ltd. Lansmont Corporation Lansmont Corporation Lansmont Corporation Geami Royal Toledo Xpress Lansmont Corporation Geopax Ltd. (Now Geami) Lansmont Corporation Tek-Vac Industries Lansmont Corporation Team Corporation	Abrasion Tester Cushion Testing Machine Drop Testing Machine Drop Testing Machine Expander Scale Scale Shock Table Single Web Expander Test Partner III Vacuum Chamber Vibration Table Vibration Table	E PDT-56ED PDT227ED SW3000 RC40 XIF 95-115 SW1000 VC-S222-SE LCS-48	156 M-14430 M-12502 G4-0253 00235546DH ST9150014 11131 113	40lb Capacity 5000lb Capacity
129	OHAUS AO Spencer Gurley Secure Pak Inc. Norlake Scientific Lab-Line instruments Inc. Norlake Scientific EGC (Honey Well) Hot Pack Caron Thwing Albert Instrument Company Q-Panel Company MacBeth SpectraLight	Balance Dark Field Quebec Colony Counter Digital Stiffness Tester Electric Torque Tester Environmental Chamber #1 Environmental Chamber #2 Environmental Chamber #3 and #4 Environmental Chamber #5 Environmental Chamber #6 Environmental Chamber for Direct Measurement Respirometric System PCA-Score Bend Tester Q-U-V Accelerated Weathering Tester UV/Light Box	Adventurer Pro AV811 3330 4171 750 ADX A4-5,0169-PS6 417532 6030RI PP900272 QUV/SER SPL75B	1203520263 AE3055 25-461CD3 583 96-1540A-1d1 76026 93791447 90195	810g Capacity
161	Hewlett Packard Hewlett Packard Thermo Scientific Electron Corporation Thermo Scientific Electron Corporation Waters Waters Labconco Bekman-Coulter	GC GC 6890 GC with TCD and FID GC-MS GPC HPLC Steam Washer Ultracentrifuge	G1530A Trace GC Ultra Trace GC Ultra/DSQ II 717 Plus 2695	US00004796 320081145 320060549 E0371P095M DO3SM7550M	
162	Mettler Toledo OHAUS Hunter TA Instrument's TA Instrument's TA Instrument's Bruker Optics SHIMADZU Corporation Leitz Olympus Rheotek TA Instrument's TA Instrument's Perkin Elmer Instruments	Balance Balance, Analytical Colorimeter Differential Scanning Calorimeter Differential Scanning Calorimeter Dynamic Mechanical Analyzer FTIR FTIR Fourier Transform Infrared Spectrophotometer Inverted Transmitted Light Microscope Microscope Solvent Viscometer Thermo Gravimetric Analyzer Thermo mechanical Analyzer UV/VIS Spectrometer	AB204-S1 Adventurer AR2140 LabScan XE DSC Q100 DSC 2010 DMA Q800 Hyperion/Tensor 27 R Prestige21 Labovert FS SZX-ILLD100 RPV-1 TGA 2950 TMA 2940 Lambda 25	1127282146 H0691202351083P LX17582 0100-0560 2010-808 0800-0221 20217924 A21004200685LP 2A14756 HA2950-R0071 2940R742 101N1101203	220g Capacity 210g Capacity
163	OHAUS Mettler OHAUS OHAUS OHAUS Blue -M Blue -M ALPHA M.O.S Labconco Corporation Illinois Instruments Labconco OMEGA A & D Company Fisher Scientific National Appliance Company Precision Scientific	Balance Balance, Analytical Balance, Analytical Balance, Analytical Balance, Analytical Constant Temperature Bath Constant Temperature Bath Electronic Nose Glove Box Head Space O2/CO2 Analyzer Laboratory Steam Washer Microprocessor pH Meter Moisture Analyzer Ultrasonic Cleaner Vacuum Oven Vacuum Oven	Adventurer Pro AV6101N AE160 Discovery DV314C Adventurer AR1140 Voyager V11140 MW-1110A-1 MW-1130A-1 Fox 3000 6600 LCP44000 PHB-212 MX-50 FS30D 5831 524	8030441036 D56182 K311 1227380172 P 1075 1125073992 P M5-16436 M5-14649 002640/97 66-0235906 861000173 P1017059 RTC080852078A	6100g Capacity 310g Capacity 110g Capacity 110g Capacity
164	Polymer Machinery Mettler Killion Killion International Carver Randcastle Extrusion Systems, Incorporated Precision Scientific	B.T.P. Granulator Balance Blow Film Extruder Cast Film Extruder Centrifuge Hydraulic Press, Heated Microtruder Oven #1	68-SPL PM 2000 KL-100 KLB-100 M RCP-0625 130	F68SP11133 23581 9802 28673H 23506-136 J3830 9511-104	2100g Capacity

	Fisher	Oven #2	Isotemp 100 Series		
	Precision Scientific	Oven #2	130	9511-101	
	Precision Scientific	Oven #3		15-W-2	
	Blue -M	Oven #4	OV-18A	OV1-21004	
	Blue M	Oven #5	OV-472A-3	OV6031	
	Tensilkut Engineering	Sample Router	10-13	360486	
	Hermes	Sample Saw		S/S106402	
	Thermotron	Temperature/Humidity Chamber	SM-325-SH	21854. RF 8781	
	Thermotron	Temperature/Humidity Chamber	SM-8-SH	17906	
	Labform	Thermoformer	Hydro Trim Model 1620	1094	
	Sencorp	Tray Sealer			
165	OHAUS	Balance, Analytical	Voyager VI2140	H0831122093716P	210g Capacity
	Mocon	Carbon Dioxide Permeation Analyzer, Module #4	Permatran-C Model 4/41, MC Module	0606AY064	
	TMI	Dead Weight Micrometer	549	A11302	
	Thermo Electron Corporation	GC	Trace GC Ultra	200612180	
	Oxysense	Oxygen Detector	X-101-1		
	Mocon	Oxygen Permeation Analyzer, Module #1	Ox-Tran Model 2/21, MH Module	0308Q807	
	Illinois Instruments	Oxygen Permeation Analyzer	8001	80-05508406	
	Laurell Technologies Corp.	Spin Processor	WS-400B-6NPP/LITE	5480	
	VTI Corporation	Symmetric Vapor Sorption Analyzer	SGA-100R	200572SGASPRUBOHTORG	
	VTI Corporation	Symmetric Vapor Sorption Analyzer	SGA-100	2006-68SGACAHNORGOL	
	Mocon	Water Vapor Permeation Analyzer, Module #2	Permatran-W Model 3/33, MG Module	0308AD636	
	Mocon	Water Vapor Permeation Analyzer, Module #3	Permatran-W Model 3/33, MG Module	0606ADS76	
167	Pelouze Healthometer	Balance	4010		150lb Capacity
	Esco	Biohazard Safety Cabinet	Class-II BSC	2008-32251	
	Enercon Industries Corporation	Cap Induction Sealer	LM3905-01	16306-01	
	Gurley	Densometer	4110	TA 0468	
	Sartorius	Digital Balance	BP210S		210g Capacity
	Secure Pack Incorporated	Electronic Torque Tester		255479MRD3	
	Secure Pack Incorporated	Electronic Torque Tester		254730MRAD3	
	Mitutoyo	Height Gauge		55-579	
	Metrohm	Karlfischer Titrator	720 KFS Titrimo	0D3103	
	The School of Packaging	Legibility Measurement Machine			
	Bridgeport	Optical Comparator	QC 2000	D-1232412323	
	Mocon	Package Leak tester	500	0103CF002	
	Panametrics	Thickness Gauge, Magna-Mike	8000	96228501	
	Vibrac Corporation	Torque Machine	1502MSKL	940015	
	Sure Torque Inc.	Torque Tester	ST33	7329	
	ATC Incorporated	Tray Leak Tester	IL2-500M-030S-VE2	E20707-03	
168	Z- Corporation	3D Printer	Spectrum Z 510	65468	
	Artios Kongsberg	Cutting Table	Premium Line 1930	700077	
	Thwing-Albert Instrument Company	Hydraulic Precision Sampler Cutter	240-10	52/311	
	S&S Corrugated Paper Machinery Company	Paper & Corrugated Cutting Machine		CAL-3203	
	Trav C&C	Paper Cutting Machine			
	Emco	PC Mill	PC Mill 50	R1LV02	
	Z- Corporation	Powder Recycling Station			
	ACME Steel Company	Silver Stitching Machine			
169	Chicago Electric Power Tools	12" Slide Compound Miter Saw	42818		
	Delta Milwaukee/ Rock Well Manufacture Company	Band Saw		91-9354	
	Craftsman	Bench Grinder	1157575	CR22E	
	Craftsman Sears, Roebuck & Company	Disc/Belt Sander	133.22541		
	Dremel	Disc/Belt Sander	1731	Type-1	
	Craftsman Sears - Roebuck & Comp.	Drill Press	115.1978		
	Perkin Elmer	FTIR	Spectrum 1000	46395	
	Sencorp	Heat Sealer	24AS/1	06-04236	
	Sentinel	Heat Sealer	24-AS	24-411	
	Mitutoyo	Height Gauge	HDS-H24"C		
	Atlas Press Company (Clausing Division)	Mill	8520	4099	
	Craftsman (Sears)	Table Saw	113.29824-0	2117.P0223	
175	Q-Lab	CR10 Calibration Radiometer			