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**Item 18-223 Used MBraun™ 4 Port Labmaster 130 1800/1000 Glovebox, Touch Screen Purifier System and 250 degree C Vacuum Oven**

**Purchased in 2005      Price: **Make Offer****

Used extra deep glovebox (internal dimensions 70" L x 39" D x 35" H) Includes: a touch screen control panel, single column gas purifier, O2 & H2O sensors right side large antechamber, left side vacuum oven and foot switch. The system will be refurbished, circulation plumbing modified and new catalyst installed. A 3 month warranty for parts included.





250 degree C Vacuum Oven





Single column purifier to have circulation plumbing reconfigured to save floor space



Back view of purifier



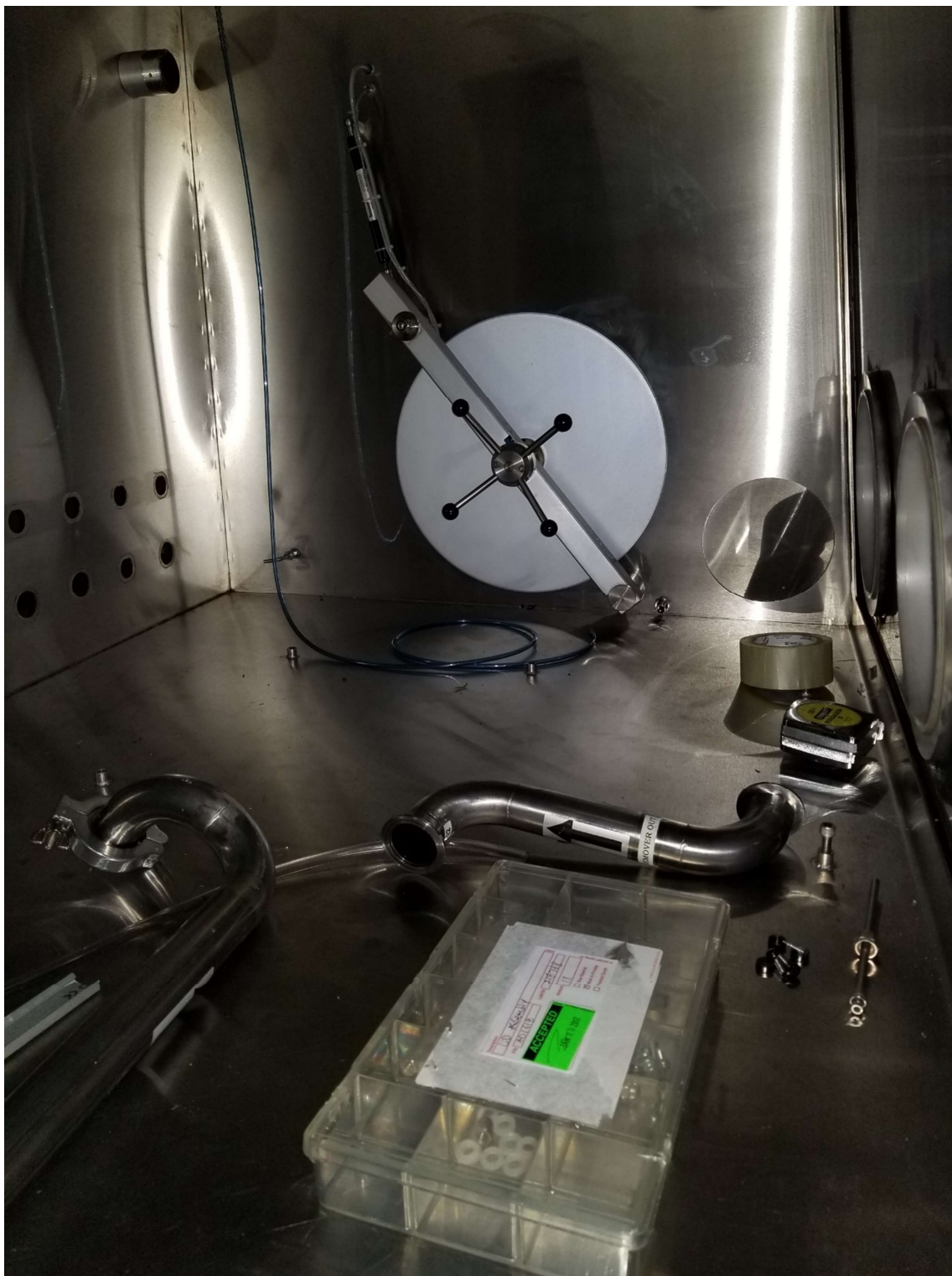


Touch screen control panel



Interior view looking at vacuum oven door





Interior view looking at antechamber door, holes on back wall will be sealed



Interior view looking at back wall, small viewing window on back wall





Interior view looking up at skylight on ceiling



Top view of glovebox showing skylight, the blue box is a gas mixer which is not included





Back view of glovebox and vacuum oven showing evacuation and refill valves



**Back view of glovebox, holes will be plugged and box will be leak free**

**Web:** [www.usedglovebox.com](http://www.usedglovebox.com)

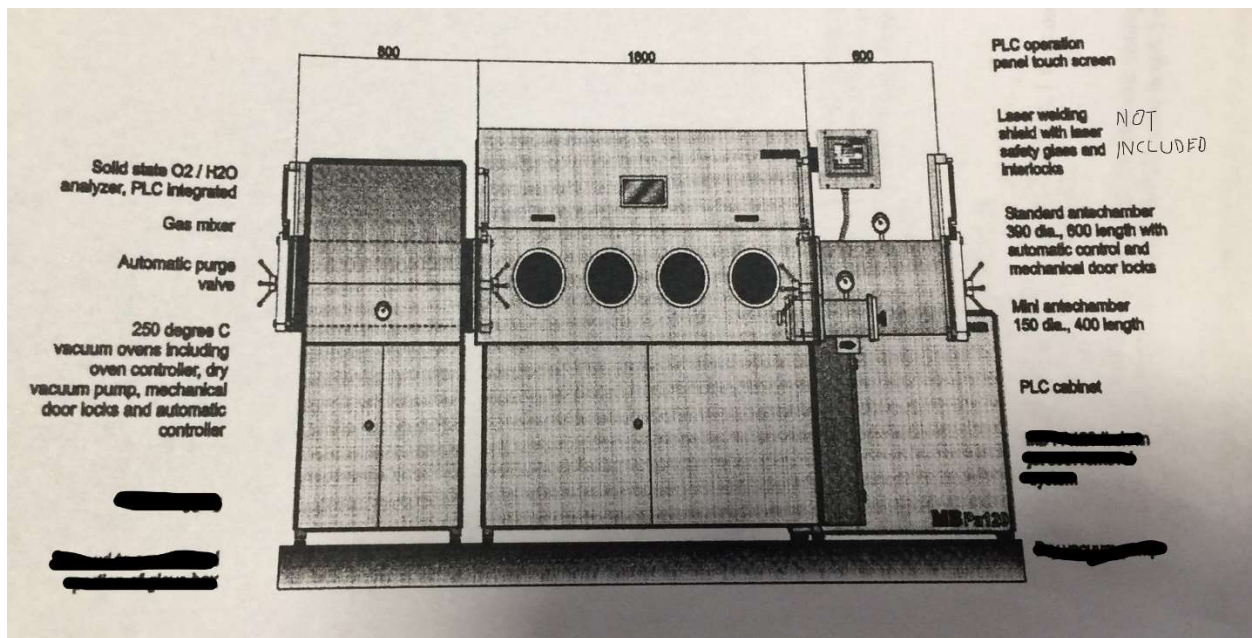
**Email:** [info@usedglovebox.com](mailto:info@usedglovebox.com)

**Tel: 702-343-0297**





Back view of antechamber showing the evacuation and refill valves



**BRAUN**

**Labmaster 130**

Serial No.:	LM04-246
Project / Service No.:	PR 04-246
Electrical Connections	400V 3 Phase 30Amp
Manufactured:	01/2005

**Glove Box**

Box Pressure, Max.:	+ 20 mbar
Box Pressure, Min.:	- 20 mbar
Integral Leak Rate:	< 0.1 vol % / h (-10 mbar)

**Antechamber**

Total Vacuum:	10 <sub>4</sub> mbar
Integral Leak Rate:	10 <sub>5</sub> mbar l / sec.

**Gas Purification System**

Processing Gas	N <sub>2</sub> / Ar / He
Gas Purification, Max.:	< 1 ppm H <sub>2</sub> O / O <sub>2</sub>
Integral Leak Rate:	10 <sup>-6</sup> mbar l / sec.
Perm. Ambient Temperature	15°C -30°C
Blower Type:	Single Stage
Blower Flow Rate, Max.:	20 m <sup>3</sup> / h

**FI0227**

ISO 9001-2000 certified





## Project Description:

Form Sheet 4.1

Edition: 7/23/2003

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Glovebox Checklist		Project #	Customer Name
System Type:	Labmaster 130 1800/1000		181 Engineering
System Power:	TBD		
Order Date:	October 12, 2004	Automatic antechamber controller (R/H AC)	Feedthroughs
Start Date:	January 14, 2005	Automatic antechamber controller (L/H oven AC)	Miscellaneous feedthroughs per layout drawing.
Finish Date:	February 18, 2005	Automatic purge valve	
Extension Box(es)		Data logging	
		External glove port cover	
		Internal box cooling	
Antechambers		Internal charcoal trap	
390 x 600 Right		Internal glove port cover	
390 x 600 Left, 250 Deg. C vacuum oven		LMF-II solvent removal system	Notes
390 x 800 T Chamber		Manual purge valve	Threaded couplings will be welded onto glovebox floor per layout drawings.
Other:		Manual purge valve (antechamber(s))	This system will have a Unilab style front window with extra long studs. Please use acorn nuts on the end of the studs.
Mini Antechambers		Manual purge valve (antechamber(s))	The purifier must be located on a MB-20G cart which will be remotely located. Please include enough extra length of cable/hose/plumbing for purifier and vacuum pumps to be located up to 10' from purifier. (see layout drawing)
MB-SCH-4"-Mini 2/3-R, UNilab		Microscope	More notes on page 2!
MB-SCH-4"-Mini 2/3-L, UNilab		SST plumbing	See product identification form for serial numbers.
MB-SCH-4"-Mini 2/3-R, Modular		Custom window on back wall.	
MB-SCH-4"-Mini 2/3-L, Modular		Custom cut-out with stud pattern	
MB-SCH-6"-Mini 2/3-R, Modular		Auto-door locks for L/H oven antechamber	
MB-SCH-6"-Mini 2/3-L, Modular		Auto-door locks for R/H antechamber	
MB-SCH-6"-Mini Bolt-on		MB-PA-50 soot removal system	
Analizers			
SS H2O Analyzer		Vacuum Pumps	Miscellaneous Items
Serial #:		Type: Varian Triscroll (220V, 50HZ)	Blower Serial #:
SS O2 Analyzer		Serial #1:	Frequency Converter Type:
Serial #:		Serial #2:	Faceplate Serial #:
		Serial #3:	Base Serial #:
		Serial #4:	Electrical Panel Serial #:
Freezers			Compressor Type:
35 Freezer mounted left side			Serial #:
35 Freezer mounted right side			Freezer Serial #:
35 Freezer 6" x 16" floor mount		Gloves	
35 Freezer mounted back wall		Type: 8B1532 A 9.75	
Levelis			
" D x 6" L Standard Location		Number of pairs: 2	Approved
" D x 7" L Standard Location			Date: 2/18/05

**On-Site Installation, Start Up Assistance and Training** -We provide the option of on-site installation assistance. Our personnel have combined inert glovebox work experience of over 40 years. We can train your staff on the operation of the glovebox system. We also will provide long term technical support by email and phone at no charge.