

GLOVEBOX SERVICE REQUEST

Company / Organisation:

Contact Name:

Contact Email:

Contact Telephone:

Company Address:

Glovebox Location:

DEMACO HOLLAND BV

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BANK	65.12.13.134
IBAN CODE	NL04INGB0651213134
SWIFT (BIC)	INGBNL2A
VAT NO.	NL8063.60.355.B01
COC	37079728

GLOVEBOX SYSTEM DETAILS:

Glovebox Type:			
Equipment Make/Brand:			
Equipment Serial #:		Model / Variant #:	
Year of Manufacture:		Date of Installation:	
Date of Last Service:			
Vacuum Pump Make:			
Vacuum Pump Serial #:		Vacuum Pump Model #:	
Known System Problems:			



SYSTEM FEATURES (please tick if applicable and give details if possible)

Gas Purification Column (Please note # of columns)		
Large Antechamber		
Small Antechamber		
Large Capacity Solvent Removal - EXTERNAL		
Small Capacity Solvent Removal - INTERNAL		
Small Capacity Acidic Vapour Removal		
Box Cooling System		
Vacuum Oven		
Freezer		
Blower/ Recirculation		
Blower / Recirculation with cooling or Heat Exchanger		
Box Heater		
Touch Screen Control		
Manual Purge Valve		
Quick Purge / Auto Purge Function		
Automatic Antechamber Cycle		
Exterior Lamp		
Interior Lamp		
Oxygen Sensor/Probe		
Moisture Sensor/Probe		
Integrated Systems (Example - Deposition systems)		
Other Features:		



SERVICE REQUIREMENTS

BASIC SERVICE (Includes the Following Items:)	
CHECK and CLEAN Large Antechamber O-Rings	
CHECK and CLEAN Small Antechamber O-Rings	
CHECK Vacuum Function (LARGE ANTECHAMBER)	
CHECK Vacuum Function (SMALL ANTECHAMBER)	
CHECK Glove O-Rings	
Replace HEPA Filters	
CHECK General Functionality of System	
Pressure Decay Test	
Vacuum Pump Test	
CHECK Oxygen/Moisture Sensors	
STANDARD SERVICE (Includes BASIC SERVICE Checks Plus the Following Items:)	
REPLACE Large Antechamber O-Rings	
REPLACE Small Antechamber O-Rings	
REPLACE Glove O-Rings	
REPLACE Gloves (for same type *)	
CALIBRATE Oxygen Sensor **	
REPLACE Vacuum Pump Mist Filter	
FULL SERVICE (Includes STANDARD SERVICE CHECKS/REPLACEMENTS Plus the Following Items:)	
REPLACE Cu Catalyst and Molecular Sieves and Activated Carbon If required ***	
CALIBRATE / REPLACE OXYGEN ANALYSER ****	
CALIBRATE / REPLACE MOISTURE PROBE ****	
NOTES	
Items marked *	Depends on accurate details Given on Service Request Form.
Items marked ** Items marked ***	Depends on Sensor TYPE (Applicable to systems equipped with GE O2X1 Oxygen Sensor) Depends on Sufficient Supply of Regeneration Gas for 2 CONSECUTIVE REGENERATION CYCLES if customers choose to have new column media regenerated for them on-site.
Items marked ****	Involves Separate Quotation for more expensive Sensors/Calibration Procedures and possible down time while sensors are sent away for Calibration Services.



IMPORTANT INFORMATION

Whilst every effort to keep the Glovebox Atmosphere at low levels of Oxygen and Moisture, some operations such as changing of gloves can lead to small increases in Oxygen and Moisture levels for a period of time. Therefore, any particularly air-sensitive or expensive chemicals/equipment should be moved to a secure stable atmosphere if there is any chance of dangerous consequences or compound losses due to service work.

We recommend the use of proper Glove-port covers when changing over glovebox gloves.

Number of Gloves on System:		Do you have Gloveport Cover(s)?	
Please list any dangerous compounds/chemicals inside Glovebox (especially Pyrophoric Materials)			
Can the window of the system be safely removed during service work?			
Do you have a good supply of Working Gas for Purging the System?		Gas Bottles or Piped Gas (from LIN or LAr Tank?)	
Do you have a supply of Regeneration Gas?			
Do you have a supply of Calibration Gas for Oxygen Analyser Calibration?		% of Oxygen in Balance of Inert Gas?	
Any other Comments/Notes:			

Please return this document to vacuum@demaco.nl