

परिशिष्ट 'क'



SAVITRIBAI PHULE PUNE UNIVERSITY
DEPARTMENT OF PHYSICS

Ref. No./Quot./PHY/NBC/21

Date: 26/07/2016

Name of the Administration

Branch/Department: Physics.

Quotations are invited for the supply of following goods/carrying out the work, so as to reach this office on or before

10 / 08 / 2016

Sr. No.	Description of Material/Item/work	Approximate Quantity	Rate Per unit	Amount (Rs.)	Remark
1.	Glove Box (2 part)	01			
	For detail specifications, kindly see the attached sheet.				

1. Octroi Exemption Certificate will be issue for the goods supplied from the places outside Pune Municipal Corporation Limits.
 2. Excise duty, Custom duty Exemption Certificate will be issued if applicable.
- Note: For other terms and conditions see overleaf.

*Done
C.V.B. Chauhan*

Head, Department of Physics

Administrative Branch

Savitribai Phule Pune University

Pune - 411 007.

Signature

(Supplier)

(With Stamp)

Head
Department of Physics
Savitribai Phule Pune University
Pune - 411 007

office/stores/Department of Physics

Specifications of Modular Glove Box- 2 Port

Glove Box:

1. 2-Port glove box with inner box dimensions ~ 900 mm x ~1200 mm x ~ 780 mm (H x W x D)
2. Material of glove box – stainless steel with coating
3. 2 pc gloves made of anti-static butyl
4. 3 pc shelves at the rear wall, adjustable
5. 2 KF40 feedthroughs

Gas Purification System:

1. Single filter system for removal of O₂ and H₂O
2. Attainable purification level should be < 1 ppm O₂ and H₂O
3. Blower capacity 22 m³/hr
4. Automatic pressure control ~ ±15 mbar with foot switch
5. PLC control system, auto regeneration program
6. One Kg charcoal filter to be supplied
7. Leak rate < 0.05 Vol% /hr

Vacuum Pump:

1. Two-stage vacuum pump, ~ 10 m³/h with oil mist filter

Sensors:

1. O₂ –sensor 0 -1000 ppm, Analyzer with solid state sensor.
2. H₂O –sensor, 0-500 ppm, solid state sensor

Antechambers:

1. Vacuum Antechamber Diameter = 250 mm, and length 400 mm with sliding tray and pressure gauze
Dimensions: Diameter 400 mm, length 600 mm

Dame
Ch. B. Chauhan