Proposed Installation Plan IRMS

■ SYSTEMS ■ CONSUMABLES ■ SERVICES ■ PROJECTS

PIR:

Instrument and Location	IRMS-HS2022
Order ID	
General Requirements	
Ion Bench SIZE (L X B X H) cm	190 X 88 X 94 cm (Back Space 40CM from wall)
Ion Bench Weight	185 Kg
Instrument SIZE (L X B X H) cm	61X 80X82
Instrument Weight	120Kg
Electrical Supply Requirements	220V, 50-60Hz, 15Amps, 2250VA, Single Phase
Number of sockets required	5
Type of the power Plug	Type G (UK Type)
UPS or Power Conditioning Requirements	Recommended in case of power fluctuation
Gas Requirements	
Gases (Carrier & Tuning / Stability / ref gas)	N2 , He, CO2,H2
Gas lines Size (1/4", 1/8", 1/2")	1/8"
Required Gas Lines Pressure	50 – 60 psi
Operating Temperature Range °C (F)	15 - 30 °C, ±2°C (Approximately 20°C is preferable with temperature variations of less than ±2 °C/ hour)
Operating Humidity Range %	20 % -60 (Optimum relative humidity level is 40%-60%)

Installation:

Day 1- Before starting the Installation

- ❑ Confirm bench space, number of power sockets.
- ❑ Confirm availability of standard and chemicals.
- ❑ Information about the total number of users to be trained.
- ❑ Checking the delivered items with delivery note and confirm all items delivered and all items available to do the installation.
- ❑ Installation plan to inform to the customer.

Days 3 - Hardware installation plan

- ❑ Unpack the IRMS instrument and place the instrument at the planned place.
- ❑ Do the required capillary plumbing and connect the tubing's and flush the lines with Carrier Gas.
- ❑ Check the line voltage and confirm, Change the IRMS cable top to customer power outlet if required.
- ❑ Power on IRMS, confirm initialization completed without errors and keep instrument at ambient temperature.

Days 3 - Training and Familiarization of hardware and Troubleshooting, Q&A

THANKS FOR LISTENING!

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