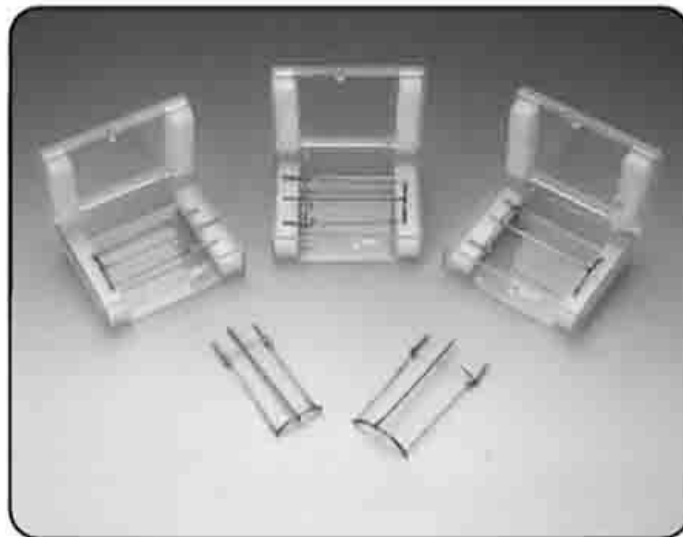


Operating and Maintenance Handbook Ionisation Gauge Head Filaments

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WARRANTY

1. Subject to fair wear and tear and the due observance of any installation user, storage, operating or maintenance instructions the Seller undertakes to replace or, at its option repair free of charge to the purchaser, any goods which the purchaser can establish are defective by reason of defective workmanship or materials which are returned to the Seller, carriage paid, within 12 months of the date of despatch by the Seller. In the event, however, that the Seller supplies spare parts either direct, or that are fitted or installed or replaced by the Sellers' service center such spare parts will be subject to a warranty period of six months only.
2. The Purchaser cannot return any product for warranty repair without the prior approval of Vacuum Generators and the issue of a Goods Return Number (GRN). This shall be obtained by contacting the service center at Vacuum Generators. All returned products must be accompanied by a completed Declaration of Contamination form. Customers must, in the first instance, contact the local selling agent.
3. We reserve the right to decline to service equipment, we consider is in any way hazardous until a clearance or safety certificate, in a form satisfactory to Vacuum Generators, has been completed and returned by the customer.

REPAIR

The following additional terms and conditions apply in the event that the customer, elects to use the services of Vacuum Generators workshop on a chargeable basis.

1. At its own cost the customer shall despatch the equipment to the workshop, carriage paid, suitably packaged, protected and insured, bearing, a Goods Return Number (GRN) and a completed Declaration of Contamination certificate obtained from Vacuum Generators in advance of shipment.
2. During the period that the equipment is on Vacuum Generators premises, Vacuum Generators will insure the equipment against all risks.
3. Vacuum Generator will provide an acknowledgement of the receipt together with an estimate of the repair charges. Such estimates are carried out on a visual basis and are therefore intended as a guide only. Formal fixed price repair quotations are available and involve the disassembly of the equipment to determine the full extent of the work necessary to restore the equipment to an acceptable standard. In the event that the customer chooses not to proceed with the repair Vacuum Generators will make a charge to cover this examination effort.

Note:

The above are extracts from Vacuum Generators Conditions of sale. Complete copies can be obtained from:

Vacuum Generators,
Maunsell Road, Castleham Industrial Estate.
St. Leonards on Sea, East Sussex,
TN38 9NN, United Kingdom.

Installation Instructions

Ionisation Gauge Head Filaments

- 1) Cut away keeper bar to remove as much as practicable.
- 2) Insert Filament common post into barrel connector so that post bottoms onto the post support; tighten grub screw.
- 3) Carefully insert one filament into barrel connector until this also bottoms onto post;
this is to tension filament - then tighten grub screw.
Repeat with second filament.
Check to see if filament is correctly positioned and adjust if necessary.
Ensure that grub screws on barrel connectors are secure.
- 4) It is preferable, when gauge is mounted horizontally, to mount the gauge with the filament below the grid.

WARNING:- If the filament you are replacing is Thoria coated, Take care not to inhale any Thoria dust. Wash hands thoroughly after fitting.



Vacuum Generators

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Declaration of Contamination of Equipment and Components

Servicing and repairs will only be carried out if the conditions for Servicing and Repair are complied with in full, according to the Vacuum Generators Ltd. Conditions of Sale. A summary of these requirements are included on the inside front cover of the Operating Instructions. The manufacturer will refuse to accept any equipment without a signed declaration attached to the OUTSIDE of the packaging. This declaration can only be completed and signed by authorized and qualified staff.

1 Description of Equipment and Components

Equipment Type.....Model Number.....
Serial Number.....Your Reference Number.....

2 Reasons for return.....

3 Condition of Equipment

YES () NO () Toxic? YES () NO () Corrosive?
YES () NO () Explosive? YES () NO () Biological Hazard?
YES () NO () Radioactive? YES () NO () Other Harmful Substances?

Equipment and Components that have been contaminated, WILL NOT be accepted without written evidence of decontamination.

5 Contamination Materials

List all the substances, gases and by-products that may have come in contact with the equipment, giving trade name, manufacture, chemicals names or symbols.
Please note that any of these listed, must be completely removed, so it is safe to handle and weld, without giving off health threatening gases. Please enter details below and/or attach data sheets

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6 Legally Binding Declaration

I hereby declare that the information supplied on this form is complete and accurate.
There by stating that the goods offer no risk to health or safety

Organization..... Name.....
Country..... Job Title.....
Post/ZIP code..... Telephone.....
FAX.....
Signature..... Date.....

Return goods to: Dave Darvill (Address at top)
Email: dave.darvill@thermo.com Phone: (0) 1424 856360 Fax (0) 1424 851489 (Form VGF33)