

Newsletter

2004 - 1

Estimados clientes interesados en Caracterización Eléctrica a altas temperaturas y en entornos controlados;

En esta newsletter traemos su atención sobre la disponibilidad de nuevas características y accesorios de nuestra Celda ProboStat™.



Nueva Celda de medida ProboStat™ para caracterización eléctrica

La celda de muestras comercial más versátil para altas temperaturas y entornos controlados

Diferentes opciones y versiones

- Plazo de entrega rápido.

ProboStat™ version A-4

- Fully backward compatible
- Improved (frosted) surface finish
- **Muy importante:** Improved spring load fastening: Groove 360° around the pedestal (instead of fixed hook screws) gives more convenience and flexibility; eliminates obstruction of electrode contact and thermocouple wires.



Piezas especiales, muelles y otros manufacturados desde Fábrica

- New top plates more reproducible, convenient and with better tolerances
- New springs more reproducible and with different spring constants (colour coded)
- Delivered with new cells and as spares
- Less expensive

Flange for 40 mm outer tubes

For efficient vacuum pumping, optical access, etc.

- General purpose KF flange for 40 mm outer diameter ceramic tube
- Stainless steel
- Viton O-ring seal; tolerates 200°C
- Water cooling integrated

While the ProboStat™ usually utilizes closed outer tubes, this flange enables the use of open ended tubes protruding the furnace. We may supply the open-ended tube (e.g. alumina). Examples shown with flange and conversion to quartz optical window (left) and with extra T for vacuum pump (right).

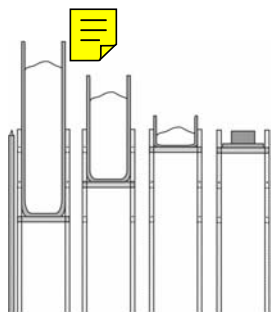
Tip: A pair of these flanges are also useful for sealing your 40 mm working tubes in ordinary furnace operations. The stainless steel enables operation with corrosive gases.

Support tube for crucibles

Powder and sample annealing

Your ProboStat™ handles control of temperature and atmosphere. Why not use it also for controlled atmosphere annealing of powders or samples, for sintering, etc.?

Special support tubes (24 or 30 mm diameter) hold crucibles of diameters up to 20 or 25 mm. Stop plates (included) can be inserted at 3 heights for crucibles of varying depth.



Heating mantle for RT to intermediate temperatures

- Replaces furnace for moderately high temperatures, down to room temperature (RT)
- Custom-made by Glas-Col (USA) for the ProboStat™
- 450 and 650°C versions
- Use Glas-Col standard power supplies or NorECs' custom ones (for use with both internal and external thermocouples).

Manual ProboStat™ disponible

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