

MODEL 9020

Vacuum Pumping Station

Vacuum storage for plasma-cleaned specimens and transmission electron microscope specimen holders

FISCHIONE
INSTRUMENTS





MODEL 9020

Vacuum Pumping Station

Allows for the simultaneous vacuum storage of up to five plasma-cleaned specimens and transmission electron microscope (TEM) specimen holders.

- **High-precision valves ensure vacuum integrity**
- **Stores up to five transmission electron microscope specimen holders**
- **Provides safe storage of specimen holders under clean, vacuum conditions**

ION MILLING

The Fischione Instruments Model 9020 Vacuum Pumping Station allows for the simultaneous vacuum storage of up to five plasma-cleaned specimens and TEM specimen holders. It includes a heavy-duty metal base, five Fischione Model 9010 Vacuum Storage Containers, a vacuum pumping manifold, and all of the necessary components for connection to the Fischione Model 1020 Plasma Cleaner.

Contamination solutions

The Model 9020 Vacuum Pumping Station allows for the simultaneous vacuum storage of up to five plasma-cleaned specimens and transmission electron microscope (TEM) specimen holders. It includes a heavy-duty metal base, five Model 9010 Vacuum Storage Containers, a vacuum pumping manifold, and all of the necessary components for connection to the Model 1020 Plasma Cleaner.

Vacuum storage container

The Model 9010 Vacuum Storage Container is a portable device for the vacuum storage and transport of plasma cleaned specimens and TEM specimen holders. A high-precision valve assembly ensures vacuum integrity for prolonged periods. The vacuum storage containers are individually valved to facilitate specimen holder insertion and removal from the vacuum pumping station and is typically evacuated through the plasma cleaner's oil-free vacuum system.

The specimen portion of the TEM specimen holder can be directly observed through the vacuum storage container's sight glass. An impact-resistant aluminum outer housing provides a high degree of protection to the specimen holder, enabling the safe storage of specimen holders under clean, vacuum conditions.



The Model 9010 Vacuum Storage Container



The Model 9020 Vacuum Pumping Station shown installed on the Model 1020 Plasma Cleaner

Distribution in the UK & Ireland



**Characterisation,
Measurement &
Analysis**

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