

UHV Shuttle System

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Shuttle systems are used to move samples from one system to another under true UHV conditions. A shuttle system contains a UHV chamber, a transfer rod, a pumping system and a gate valve. By using an intermediate pumping chamber the shuttle is docked to the UHV system with the samples to be transferred.

TYPE	SHL
PUMP	ion pump <small>battery driven</small>
SAMPLE SIZE	as specified
SAMPLE STORAGE	up to 4 <small>or as specified</small>
BASE PRESSURE	10^{-10} mbar



Equipment for Shuttle System

- Lift frame adjustable in height by motor
- Optical access
- Intermediate pumping chamber for transfers
- Gate valve
- Transfer rod