

[Instruments for vacuum tests]



The instruments for vacuum tests consist of:

- A mobile hood in transparent plexiglas.
- A supporting surface with gasket.
- A dry vacuum pump with rotating vanes.
- Two two-way manual valves, for intercepting vacuum.
- A vacuum gauge for directly reading the vacuum degree.
- A small vacuum switch for adjusting the vacuum degree.
- A switchgear contained in a special protected box.
- A bent steel plate frame, with anti-vibrating feet, for assembling all above described components.

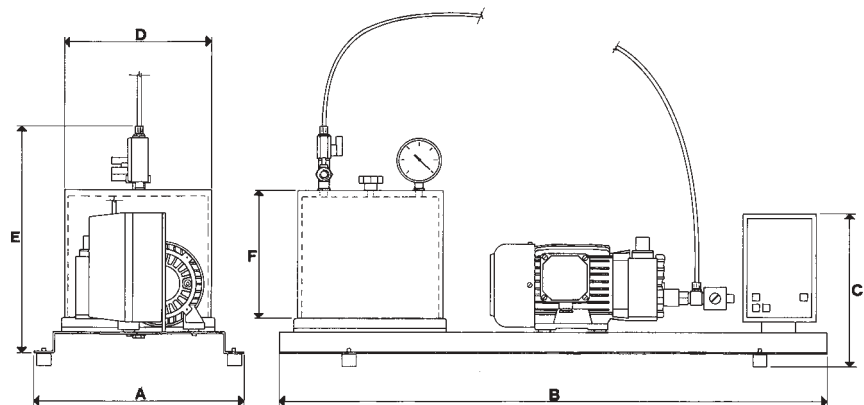
The vacuum degree that can be reached in the hood depends on the pump installed.

These instruments have been manufactured in order to test the weldings, that is the holding of cellophane or PVC packagings of snacks or of other foodstuffs.

Actually, the package, which is inside the hood, tends to swell due to the pressure difference forming between the air at atmospheric pressure contained inside and the vacuum created by the hood: the higher the vacuum degree reached in the hood, the higher the thrust the air contained in the package exerts on walls and, consequently, on weldings.

The test values can be adjusted and repeated automatically.

Upon request these units can also be supplied in different versions.



Art.	Hood Litres	Pump mod.	A	B	C	D Ø	E	F
ATS 05	5.5	VTS 4M	300	900	250	200	360	180
ATS 20	21.5	VTS 10M	500	900	250	400	360	180