



# TECHNICAL DATA SHEET

## SK2VV000-5 Vacuum Test Unit

### ► DESCRIPTION

SK2VV000-5 is a bench mounted multi-functional easy-to-use vacuum test unit for check of vacuum integrity of vacuum hoses, bagging valves, quick disconnect couplings as well as for pressure test of vacuum hoses. The Vacuum Test Unit SK2VV000-5 is ideally suited to test in-service equipment or to check equipment after maintenance like seal replacements on vacuum valves or end-fittings replacements on vacuum hoses.

This product allows saving time loading autoclaves with prechecked hoses, avoiding scrap and part rework due to vacuum loss from leaky hoses, reducing time spent for leak checking due to pretest of the vacuum valves.

This product is used in various manufacturing processes of parts made of composite.

### ► TECHNICAL DATA

Inlet:	Vacuum and Pressure
Controls:	Each line has ball valve control for Isolation
Read out:	Each line has 63 mm gauge Read out
Housing:	Powder coated steel casing

Reference	Connectors	Vacuum test unit version
SK2VV000-5	2 x quick disconnect plugs vacuum 1 x quick disconnect plugs pressure 1 x vacuum diaphragm 1 x vacuum gauge 1 x pressure gauge	single
SK2VV000-5DUAL	4 x quick disconnect plugs 2 x quick disconnect plugs pressure 2 x vacuum diaphragm 2 x vacuum gauges 1 x pressure gauge	dual



SK2VV000-5

### ► VACUUM LEAKAGES TEST

Vacuum hose test: attach both ends of hose equipped with a female quick disconnect to the plugs. Apply vacuum with an external source then isolate with valve corresponding to the used line. Vacuum drop on the corresponding gauge shows leakage in the vacuum hose.

Pressure hose test\*: attach one end of the hose with a female quick disconnect to the plugs. Apply pressure through an external source then isolate with valve corresponding to the used line. Pressure drop on the corresponding gauge shows leakage in the vacuum hose.

\* Note Inlet pressure is secondary reduced through an internal Test Unit regulator to 1.5 Bar (to prevent any damage to the vacuum hose).

Vacuum valve test: place vacuum valve onto seal diaphragm within base plate, apply vacuum with an external source then isolate with valve. Vacuum drop on the corresponding gauge shows leakage in the vacuum valve.