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PRESSURISED TESTING RIG

For Pressurised Grommets and Standard Pipettes

Pipette sizes installed in system: 25, 65 and 95mm

Grommet size range installed in system: 6 to 12mm

1. Pressure Leak Test

PURPOSE

To verify that an instrument used for quality assurance purposes provides meaningful and accurate results.

METHODOLOGY

Pressurise the test rig up to 1500 Pa. Measure the pressure drop over 1 hour.

RESULTS

Initial Pressure:	1500 Pa
Start Time:	12.05pm
Final Pressure:	1000 Pa
Finish Time:	1:15pm
Pressure drop:	500 Pa
Time duration:	1 hr, 10 mins

2. Grommet Seal Integrity Test

PURPOSE

To verify that the derivation of any air leakage from the test rig is not from around the grommets and pipettes.

METHODOLOGY

Pressurise the test rig and whilst pressurised apply a soapy solution around the edges of the grommets and pipettes. Observe the area around each grommet and pipette over a couple of minutes for any bubbling.

RESULTS

No bubbling could be seen around any of the grommets or pipettes during the test.

Tested By: Stephen Pond

Checked By: 

Date: 29/06/11

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Camfil Farr NZ Ltd

30/930 Great South Road, Penrose. PO Box 112 097, Auckland 1642, NZ.
PH +649 636 0663 FX +649 636 0963 <http://www.camfilfarr.co.nz>, <http://www.totalaircare.co.nz>