

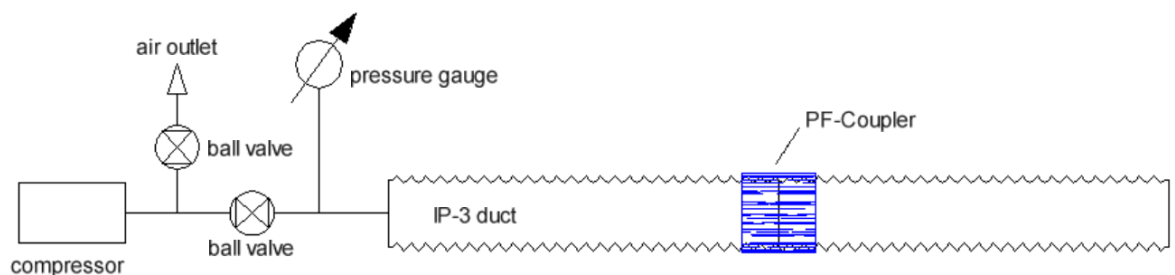


The Leak Tightness Test Equipment suitable for pipe ID 70 – 150 mm (3-5 inch) for max 0.25 bar ( 3,5 PSI) consists of following parts

- 1 pneumatic dead end test plug
- 1 pneumatic bypass test plug
- 1 digital pressure gauge test equipment (resolution 1mbar)
- 1 equipment adaptor including air outlet
- 1 compressor (Accu compressor, 7,5l/min, max pressure 11,5 bar)

The Leak Tightness Test Equipment may be used e.g. for air tightness test according FIB Bulletin 7, Chapter 4.2 Clause 2

#### Test layout



1. Consider test pipe to be a closed system for the test. In case of any intermediate fittings are used they need to be closed with end caps. Fix ducts or pipes depending on intended pressure in test length.

2. Insert pneumatic dead end test plug inside one pipe end and inflate by using the compressor.



3. Insert pneumatic bypass test plug inside the other pipe end and also inflate by using the compressor.



4. Fix adaptor to the bypass test plug according the drawing.  
Fix compressor hose to adaptor and compressor.  
Fix digital pressure gauge.  
Open compressor valve. Close air valve.



5. Set minimum test pressure required at compressor gauge.  
Pressurize test pipe to required minimum pressure by controlling the digital pressure gauge and close compressor valve to hold the pressure.



6. Wait required minimum test time and record pressure lost using digital pressure gauge.  
Uninstall all equipments.

