

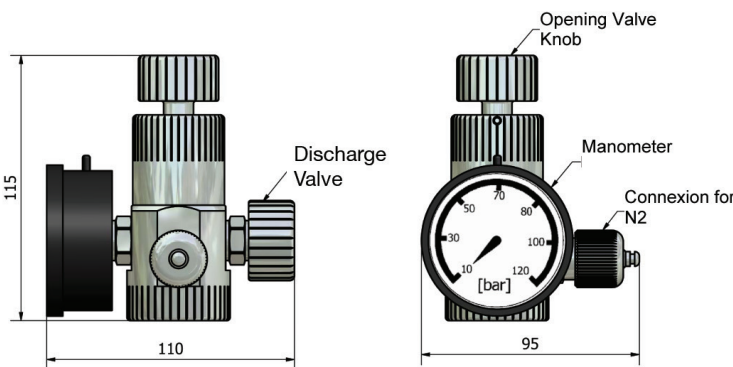
Filling & Testing Unit - AR Type

The equipment of preload AR is an essential tool for the operations of control and restoration of the pressure of the nitrogen in the accumulators.



Technical Features:

- Max. working pressure: 400 bar
- Body: in zinc-plated steel
- Standard execution:
 - manometer included
 - useful dedicated handbag
 - 2.5 m flexible pipe for cylinder nitrogen with thread connection of 3/8" BSP
- Available:
 - RID132 – Adaptor 5/8" UNF > 1/32"
 - RID78 – Adaptor 5/8" UNF < 7/8" UNF



Article No.	Manometer Scale	Price
	BAR	
AR1.0	0 > 6	
AR1.1	0 > 16	PRICE ON REQUEST
AR1	0 > 40	please contact our sales team for a quote on your next accumulator project
AR2	0 > 60	
AR3	0 > 100	
AR4	0 > 160	
AR5	0 > 250	sales@isisfluid.com
AR6	0 > 400	01608 645755

Instruction for use:

How To Check Nitrogen Pressure:

- a) After making sure that there is no pressure in this circuit which is eventually installed the accumulator, unscrew completely the top knob and screw the filling and unit device on the accumulator's nitrogen valve.
- b) Unscrew the knob of the nitrogen discharge valve and turn the knob situated on top of the AR device clockwise until the manometer signals the pressure that there is inside the accumulator. If the knob is fully turned clockwise and the manometer doesn't show any pressure the accumulator discharged.
- c) Once nitrogen pressure is checked, turning gently clockwise the knob of the discharge valve the pressure will start to decrease. Once the wanted nitrogen pressure is reached, fully unscrew the knob on top of the AR device, screw completely the knob of the nitrogen discharge valve to eliminate residual pressure. After that is possible to unscrew "AR" valve from the accumulator taking care of to re-install the protection cap of filling valve on turning strongly.

Filling Of Nitrogen:

Repeat A.M. operations connecting the nitrogen bottle quick release coupling before opening the valve knob. Start filling nitrogen very gently. We recommend using a gas pressure reducer installed on the bottle in order to avoid over-pressurizations of the accumulator body during filling operation, especially when the precharge is low in pressure. Check nitrogen precharge approximately every six months.



Nitrogen Valve R Type

Technical Features:

- Body: zinc-plated steel
- Max. working pressure: 400 bar
- Available also:
 - with body in AISI 316L stainless steel
- Installation:
 - accumulators
 - control or variation of pressure in any system to gas or fluid
 - drainage of the air in closed hydraulic circuits

