

TECHNICAL NOTE 04-00 (Draft)
PROTECTOJET MODEL 5
ADAPTER WITH GAUGE FOR ASSISTANCE WHEN FILLING
Dated September 21, 2000

INTRODUCTION

The ProtectoJet Model 5 is manufactured by ISPRA and does not include a pressure gauge. Some facilities have expressed a desire to have a pressure gauge in the filling line when filling the ProtectoJet Model 5 so they can see that the unit is properly filled.

INFORMATION

Hydro-Force uses a pressure gauge fitted to a threaded T connector to indicate the filling pressure during the model 5 filling process. The Model 5 nozzle has a standard ½ inch male thread connection that is normally fastened to the female ½ inch connector on the filling hose when filling the Model 5. Hydro-Force uses a high pressure T-fitting with a male fitting on one end, a female fitting on the opposite end, and a female fitting out the side. The side fitting has a reducing adapter from ½” male pipe to 1/8” NPT female to accept the Hydro-Force 0-750 psi pressure gauge. The adapter is installed on the Model 5 and then connected to the Model 5 filling hose when charging the unit with the CO₂ propellant gas.

Any institution wishing to make a similar adapter can purchase the parts and fabricate the same adapter assembly. If you wish you can purchase the adapter with gauge, or just the gauge from Hydro-force. The following are the part numbers:

<u>Part Number</u>	<u>Description</u>	<u>Price*</u>
5030	Model 5 filling adapter w/gauge	\$45.00
X-10C-125	Pressure Gauge, 0-750 psi	\$25.00

* Prices subject to change without notice

Please contact us if you have any questions or comments.

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