

Automatic Volumetric Expansion Test System for CNG Gas Cylinder



Hydrostatic testing is the most common method employed for testing pressure cylinders. Using this test helps maintain safety standards and durability of a cylinders over time

Due to their legendary quality & reliability under the toughest worldwide conditions combined with excellent price quality ratio the compact line high pressure products from are first choice of Industry Professional.

SPECIFICATION

- The Stretchiness of cylinder will be calculated with the help of given formula.

$$\% \text{ Stretchiness} = \frac{(A-C)}{(A-B)} \times 100$$

- If stretchiness is 10% or less than 10% Cylinder can be used. Cylinder is Usable.
- If stretchiness is more than 10%, Cylinder is scrap; it can't be used for further filling of gas.
- According to Cylinder Rule (GOI) Test pressure of every cylinder must be 1.5 times of cylinder working pressure.



KEY FEATURES

- No heat, flame or risk of spark
- Infinitely variable cycling speed (flow rate)
- No limit or adverse effect to continuous stop/start applications
- Pump seals are self-lubricated requiring no external air line lubricator
- Reliable, easy to maintain, compact and robust
- Stainless Steel frame standard

APPLICATION

- Testing the CNG gas cylinder
- CNG system is largely used in vehicle industry
- This machine is used for petroleum industry