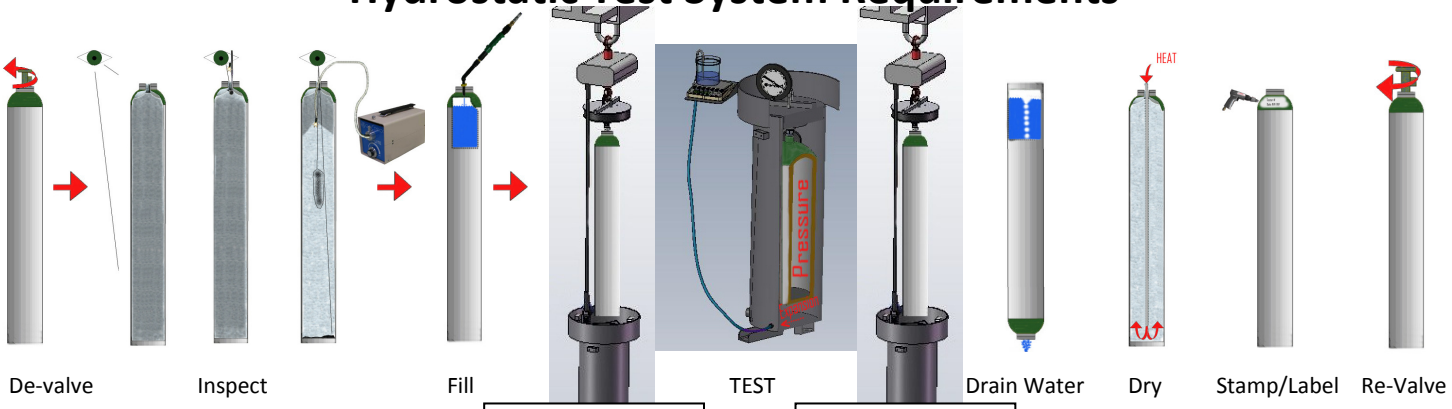
Hydrostatic Test System Requirements



De-valve | Inspect | Fill | TEST | Drain Water | Dry | Stamp/Label | Re-Valve

Attach Test Head
Lift Into Jacket

Lift out of Jacket
remove Test Head

GALISO® INCORPORATED
GASES LIQUIDS SOLIDS

Cylinder Test Process

Date ____/_____/_____

Please fill out as much information as you can. The more information your provide the better we are able to accurately quote a test system for you. Upon completion, please email sales@galiso.com or fax 970/249-0607.

Contact:_____

Your Company: _____Website:_____

Location: _____City:_____Zip:_____

Phone:_____ Email_____

Galiso Manufactures Test Systems for Water Jacket, Direct Expansion, Proof, Cycle, and Burst Testing.

Check each of the following cylinders that you will be testing:

□ Steel □ Aluminum □ Composite

□ OXYGEN	□ CO2
□ ARGON	□ N2

Industrial

□ Type I	□ Type III
□ Type II	□ Type IV

Carbon Fiber Fiberglass

□ MEDICAL "D & E □ SCUBA □ SCBA □ FIRE EXTINGUISHERS

Dirty – This type should be tested with their own system

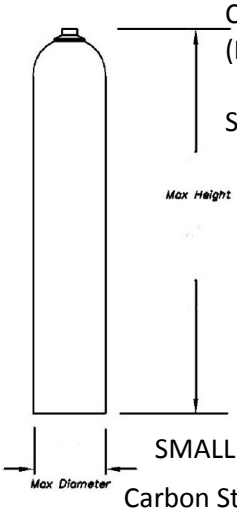
□ PROPANE	□ HALON
□ FREON	□ CHLORINE

□ OTHER: (Please Specify Below)

_____

Industry:

□ Industrial □ Marine □ Aviation □ Fire □ Chemical □ Cylinder Manufacturer □ Government □ Other_____



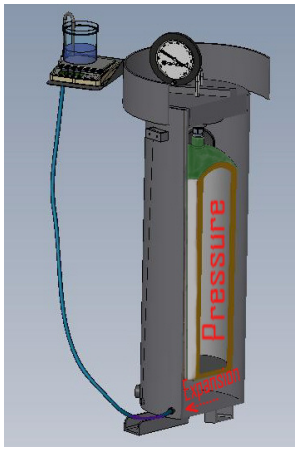
_____CYLINDER HEIGHT :
(Please specify in inch or mm)

SHORTEST: _____TALLEST: _____

Test Jackets are sized to cylinder dimensions. Small cylinders can be difficult to test in large test jackets.

CYLINDER DIAMETER

SMALLEST: _____LARGEST: _____



CYLINDER SERVICE / TEST PRESSURES:
(Please specify in psi or bar)

MIN: _____ MAX: _____

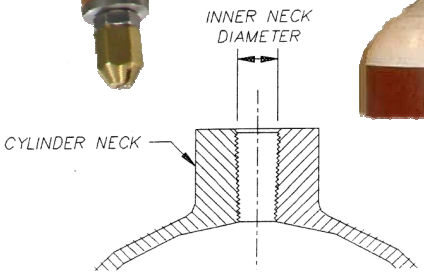
Calibration Cylinders should be similar in expansion and will need to be within 500psi of test pressure when testing over 3,000psi or within 10% when testing below 3,000psi.

CYLINDER EXPANSION IF KNOWN (CC):

MIN: _____ MAX: _____

Carbon Steel is standard for Test Jacket and Head. Stainless Available. Quote stainless?(more expensive) ☐ Yes

The Test Head comes standard with ¾" NPT Test Connection. Any known threads of cylinders that will require an adapter?



Tapered threads? ☐ Yes ☐ No / Straight threads? ☐ Yes ☐ No

½" , ¾" , 1" , M25 , M17 , W28.8, 25E, 17E, PZ27.8	5/8-18 , .75-16 , ¾" NPSM, 7/8-18, 1 1/8"-12,

Do you have a means to De-valve / Re-Valve the cylinder? ☐ Yes ☐ No

Cylinders are filled with water tested then water is drained out. They will then need to be dried out immediately after test.

Please note a hot air dryer may take 25 minutes or longer to dry a 51" x 10.5" large cylinder with moisture inside.
A Galiso PCT Inverter can do this job in 3-4 minutes with a Customer provided hot water source of 180°F/82°C Water.
We recommend using a 120Gal 199,000Btu Water Heater with the Galiso PCT and SCD dryers.

Do you need a cylinder dryer? ☐ Yes ☐ No

Do you have a Water Heater installed? ☐ Yes ☐ No

Utilities Needed to Run Galiso Equipment

Water: City Water Supply normally 40-60psi 8-10gpm / 2.7-4 Bar 30-37Lpm

Pneumatic Supply (Air Compressor)	**Electrical supply**
Full Duty Cycle (running all equipment at same time) GTC System 75 CFM R40 System 110 CFM R4 System 150 – 175CFM Pressure: 90-120PSI/6.2-8.2Bar	Generally standard 110v or 220v is all that is required. 50 or 60 Hz Single Phase 3 Phase for larger equipment (Cylinder Rollers, Large Heaters)

Test Area available? _____X_____ Height of I-Beam/Ceiling for hoist _____

How Many Cylinders do you want to be able to test an hour? _____

Regulation if other than DOT CFR (_____)

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