

QUOTATION NO 500845

Quotation list the equipment needed to properly requalify cylinders and other vessels that require a pressure test by the "proof test" method to U.S. DOT requirements

Part No.	Description	Price
500-845	<p>Air Operated Test Pump Assembly Designed for performing a "proof test" on tubing, piping, sprinkler systems, fire extinguisher cylinders, boilers, etc...</p> <ul style="list-style-type: none"> • Rated to 10,000 psi maximum test pressure • Stainless steel wet section of pump • Inlet / outlet soft seated check valves • .3 GPM output • 8' long outlet pressure hose with 1/4" end fitting and bleed valve • Safety relief • Inlet water garden hose connection with on/off valve • Incoming air on/off needle valve for regulating pump speed • All mounted on steel base plate - Size" 26"L x 12"W 	\$2100.00
140-417	<p>Dual Calibrated Pressure Gauge Assembly <i>(Allows for daily verification procedure to meet DOT/TC requirements)</i></p> <p>Features:</p> <ul style="list-style-type: none"> • (2) 0-11,000psi range x 20 psi increments • Manufactured to Class 3A specifications (0.250% accuracy full range) • 1/2" Male NPT back connection • 8.5" diameter • Mirrored dial face • Calibrated to 0.5% at the following increments: 2500,3000,4000,5000,6000,7000,8000,9000,10,000psi • Can be used to US DOT and Transport Canada cylinder testing specifications in a range of 1120-10,000 psi • Isolation valve included to isolate Master from Working gauge • Mounted on steel panel with mounting holes for wall placement • Includes calibration certificates for both gauges 	1750.00
300-052	<p>Safety Test Cage for Proof Testing of Larger Cylinders</p> <p>Features:</p> <ul style="list-style-type: none"> • Steel construction • 18" Square x 48" Tall • Mesh steel side wall for easy viewing of cylinder under test • Slotted top for insertion of test hose • Hinged door with dual safety latch clasp 	685.00
510-010	<p>Pneumatic Operated Vise Station</p> <ul style="list-style-type: none"> ✓ Air Operated (60 psi) ✓ Rubber Belted to Protect Cyls. ✓ Accepts Cyls. to 14" Diameter ✓ Adjustable / Removable Shelf Plate ✓ 24" Square Steel Base Plate 	1475.00
530-020	<p>Cylinder Hot Air Dryer</p> <ul style="list-style-type: none"> ✓ Heavy Duty Design ✓ 115VAC Electrical ✓ Six Cylinder Capacity ✓ Stainless Steel Heating Element ✓ Designed for Cyls. Under 36" Tall 	1600.00



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530-022	Cylinder Hot Air Dryer <ul style="list-style-type: none"> ✓ Heavy Duty Design ✓ 115VAC Electrical ✓ Six Cylinder Capacity ✓ Stainless Steel Heating Element ✓ Designed for Cyls. Over 36" Tall 	1700.00
540-001	Inversion Rack <ul style="list-style-type: none"> ✓ Designed for Inversion of Full Size Cylinders to Expel Test Water ✓ Adjustable for Cylinders 40" to 55" Tall ✓ Adjustable Safety Strap ✓ Steel Construction 	625.00
230-207	Internal Cylinder Cleaning Whip <ul style="list-style-type: none"> ✓ Removes loose rust and oxide coating ✓ Designed for cyls up to 60" Tall ✓ Fits onto 3/8" drill ✓ Stainless steel wire 	96.00
240-140	Adjustable Valve Removal Wrench <ul style="list-style-type: none"> ✓ Fits Valves with 2 Flat Sides ✓ Designed for Industrial Gas Valves ✓ Manufactured of Hardened Machined Steel 	89.95
230-350	Cylinder Water Filling Nozzle With Automatic Shut Off <ul style="list-style-type: none"> ✓ Fits Into 3/4"NGT and Larger Openings 	84.95
230-064	5/16" Characters, 0-9 Stamp Set (1/2" shank) <ul style="list-style-type: none"> ✓ Best Grade for Marking of Steel and Aluminum Cylinders 	55.00
230-136	Pneumatic Stamping Gun <ul style="list-style-type: none"> ✓ Accepts 1/2" Shank Size Stamps ✓ Air Operated on 40 psi ✓ Saves the Life of Your Stamps ✓ Easy – Fast and Safe ✓ Operates Similar to an Air Chisel 	259.00
69-102	Internal Cylinder Inspection Light <ul style="list-style-type: none"> ✓ Fiber Optic Design ✓ 150 Watt Bulb ✓ 115V – 50/60 Hz 	425.00
69-111	Probe for Fibre Optic Inspection Light <ul style="list-style-type: none"> ✓ 10' Long 	145.00
69-058	Inspection Mirror for Cylinder Threads (3/8" diameter)	17.00
69-075	Optical Plus Thread Magnifier (for cylinder thread inspection) <ul style="list-style-type: none"> ✓ Battery Operated ✓ Rugged, anodized, aluminum construction. ✓ Adjustable focusing for clearer and brighter viewing. ✓ Adjustable light intensity for differing surface reflectivity. ✓ 4X magnification for the closest thread view possible. 	410.00
69-050	Combination Dial Caliper & Pit Gauge <ul style="list-style-type: none"> ✓ 2 tools in one ✓ Allows measuring of pits/gouges as required by CGA C-6 pamphlet ✓ Allows measuring of valves and test adapters ✓ Steel construction ✓ Easy to read dial gauge 	49.50



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240-150	Breaker Bar Tool designed for inserting and removing tapered thread test adapters and socket type valves safely – easily and efficiently <ul style="list-style-type: none"> ✓ 18" Total length ✓ ½" drive head swivels 180° ✓ 376 ft-lbs maximum torque ✓ 3-way ratcheting action: Right or Left handed thread, or lock 	45.00
240-160	1 ½" Impact Socket x ½" Drive <i>For use with #240-150 Breaker Bar</i>	20.00
393-003	Test Record Forms (50 sheets/pad)	8.00
393-018	Test Label for Cylinders (50 labels / Roll)	15.00
393-020	Epoxy Kit for Test Labels	13.95
393-290	C.G.A. Pamphlets <ul style="list-style-type: none"> ✓ Set of 7 ✓ C-1, C-5, C-6, C-6.1, C-6.2, C-6.3, C-8 ✓ Required if Licensed by US D.O.T. or Transport Canada 	755.00
393-185	DOT Title 49 Parts 100-185 Code of Federal Regulations Book <ul style="list-style-type: none"> ✓ Required if licensed by US D.O.T. 	60.00

Total: \$12,483.35

Utilities Required to Operate Equipment: [\(click here for floor plan\)](#)

- Stable and consistent air and water temperatures
- Inlet water supply
- 115V-20amp electrical (4 drops)
- 8CFM of 100 psi pre regulated shop air (3 drops)

OPTIONS: Can be purchased with a new test station or added on at a later date		Add:
393-504	Proof Test Record Form Software: Allows professional looking form to be used rather than a unprofessional looking hand written form. Features: <ul style="list-style-type: none"> • Allows easy and quick data entry of any type of cylinder • Separate verification screen for DOT specification cylinders • Automatic history screen that allows sorting and printing • Allows printing of all or just selected records • Easy to use Windows environment • Supplied on a USB Drive 	\$ 295.00
393-450	On Site Assistance with Set up and Operational Training <i>Includes:</i> <ul style="list-style-type: none"> ✓ Hydro-Test technician onsite for 1 day at your location ✓ Verification of proper setup of equipment ✓ Operational training on running daily verification ✓ Operational training on testing cylinders ✓ Trouble shooting of potential problems ✓ Review of proper record keeping <i>Prior to Hydro-Tests technician arrival the following must be prepared;</i> <ul style="list-style-type: none"> ✓ Utilities as described in quotation in place and operational ✓ Two hookups from test console to water jacket in place ✓ Water jacket in pit (if required) ✓ Water jacket and calibrated cylinder filled with water 48 hours prior to technician's arrival. ✓ Please allow a minimum of 45-day advance notice to schedule training 	Typically \$3000 - \$4500 depending upon location in the USA Foreign locations will be at a significantly higher cost Contact us for pricing based on training location



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- Terms:** Discount is available with prepayment terms (please [contact](#) our sales office for details)
- F.O.B:** [Stow, Massachusetts, USA](#), all freight cost are the responsibility of the purchaser.
We will be pleased to offer delivered pricing upon request.
- Delivery:** Typically ship in 5 weeks
- Valid:** For 60 days
- Warranty:** All Hydro-Test Products manufactured equipment is warranted for a period of 12 months under normal usage, commencing after receipt of order. For items not manufactured by Hydro-Test Products the original manufacturer's warranty shall be in effect. Consumable items such as O-rings, Seals, Valves, etc... are warranted for 30 days under normal usage. All warrantee work is provided F.O.B. Stow, Massachusetts, USA.
- Packaging:** Best commercial packaging is included in the pricing. If export crating or other specialized or unique packaging is required an additional charge may apply.

Thank you for the opportunity to offer this quotation. To see pictures on the above products, please click on the **part no's** and you will be redirected to those items.

You can download our complete [catalog at this link](#)

Best regards,

Jon Gorman

[Jon Gorman](#)

Hydro-Test Products Inc.

Please see next page for important Training-Licensing and Leasing Information >>>



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Important Informational Links:

- 1) Please [click here for a list of Independent Inspection Agencies](#) (IIA) for the U.S. Department of Transportation. To requalify cylinders in the USA, or operate outside of the USA and be DOT certified, an inspection of your facility is required after equipment is installed & operational and training has been completed.
- 2) Please [click here for information regarding the training and licensing requirements](#) for Transport Canada (TC). To requalify cylinders in Canada, or operate outside of Canada and be TC certified, an inspection of your facility is required after equipment is installed & operational and training has been completed.
- 3) [Browse all of our training opportunities](#). We offer operational and DOT required hazmat for cylinder re-qualifiers in various ways. Here is a [Training Development Guide](#) to help determine the best training option for your company and employees.
- 4) Leasing of our equipment is available through www.hcefunding.com. Use this [Leasing Calculator](#) to calculate what your monthly cost will be when leasing through Health Care Equipment Funding (HCE). *Due to special arrangements made between Hydro-Test and HCE Funding, when you lease through them, you will receive a prepayment discount.*

Frequently Asked Questions:

(Q) Is the equipment difficult to operate?

(A) The test system has been designed for easy operation. Test procedure can be mastered in ½ day

(Q) Do I need to travel to Hydro-Test's facility in Massachusetts to receive training?

(A) As an option we have provided an estimated quotation for on-site training at your facility. Hydro-Test has technicians that travel extensively around the world installing and providing training on our equipment. The training provided at Hydro-Test in Stow, Massachusetts is included in the price of the test system. Training at your facility is shown as an option and includes travel – hotel and onsite cost.

(Q) How Many Cylinders Can I Test in 1 Day?

(A) This is a difficult question to answer as much depends on the operator, type(s) of cylinders, number of operators and more. Typically 1 operator testing portable size cylinders (i.e. 20Lb CO₂, SCUBA, SCBA) should be able to test 6 – 8 cylinders per hour (48-64 per day) on a manual operated system. Typically an automated test system will increase the output by 25%

(Q) Are there any additional cost involved?

(A) Initially, in the USA, there is a fee for the DOT inspection. Pressure gauge recalibration is required every 6 months (~\$170.00 / year). Consumable test system parts, o-rings, seals, valves ..., are typically \$100.00 - \$300.00 per year depending on your testing volume.



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