

Industrial Valve and Engineering Supplies (Pty) Ltd (IVES)

Valve and Engineering Merchant Company (Pty) Ltd (VEMCO)

Importers
Distributors



Brand Valves
Pipes and Fittings

Break Away
Brand Values

BREAKAWAY HYDRAULIC TEST PUMPS

HTP 501

CAPACITY: 100 BAR
COMPLETE WITH: TEST PUMP, STAND, PRESSURE GAUGE, 1M HP HOSE, 3M LP HOSE.
DRAWS WATER FROM A BUCKET OR FITS ON A 44 GALLON DRUM.
Standard Pressure Gauge: 0-6000 Kpa



Strokes Per Litre: 26



HTP 502

Standard Pressure Gauge: 0-6000 Kpa



Strokes Per Litre: 26

CAPACITY: HTP 503: 200 BAR Std Pressure Gauge 0-6000 Kpa
HTP 503HP: 300BAR Std Pressure Gauge 0-40 Mpa
HTP 503HC: 100 BAR Std Pressure Gauge 0-6000 Kpa

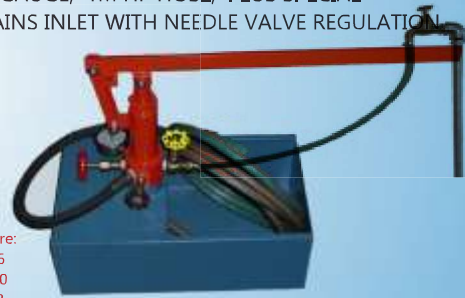
COMPLETE WITH: TEST PUMP, CONTAINER, PRESSURE GAUGE, 1M HP HOSE



Tank Dimensions:
Length: 510 mm
Width: 300 mm
Height: 65 mm
Excluding Handles

CAPACITY: HTP 504: 200 BAR Std Pressure Gauge 0-6000 Kpa
HTP 504 HP: 300 BAR Std Pressure Gauge 0-40 Mpa
HTP 504 HC: 100 BAR Std Pressure Gauge 0-6000 Kpa

COMPLETE WITH: TEST PUMP, CONTAINER, PRESSURE GAUGE, 1M HP HOSE, PLUS SPECIAL WATER MAINS INLET WITH NEEDLE VALVE REGULATION

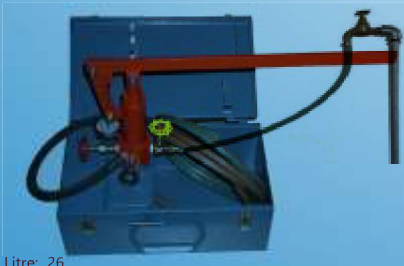


Strokes Per Litre:
HTP504: 26
HTP504 HP: 60
HTP504HC: 22

HTP 505

PLUS

CAPACITY: 200 BAR Std Pressure Gauge 0-6000 Kpa
COMPLETE WITH: TEST PUMP, CONTAINER, PRESSURE GAUGE, 1M HP HOSE



Strokes Per Litre: 26

- 1) Fold up carry case
- 2) Low pressure(high capacity) pump
- 3) High pressure pump
- 4) Light weight stand
- 5) Adjustable handle
- 6) 3m LP Hose with tap connection
- 7) Detachable lid
- 8) Special water mains inlet supply needle valve for regulation

All Specifications are subject to change without notice

Head Office:

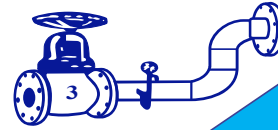
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BREAKAWAY HYDRAULIC TEST PUMP INSTRUCTIONS

PROCEDURE A: FOR USE ON ALL MODELS REF. NO.'S 501,502,503,504,505,506.

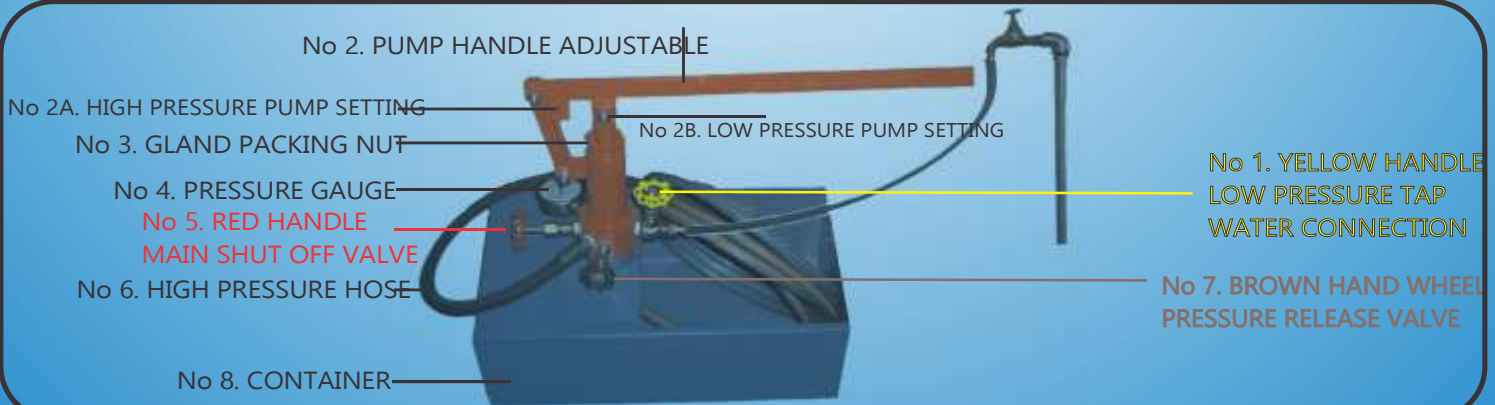
1. When ordering HTP, make sure that you have selected and fitted the correct gauge, according to your required test pressure.
2. Make sure the container is clean, fill container with clean water (IF possible add soluble oil to water to prevent rusting) on Ref. No's 503,504,505,506 and/or
 - 2a. On Ref. No.'s 502,504,505,505,506, an optional or alternative water supply can be used by connecting your low-pressure garden hosepipe mains onto No. 1 of the test pump. (You do not necessarily need to fill the container with the water if this method is used.)
Once the hose pipe is connected, open the yellow hand wheel Ref. No. 1 and the red handwheel, Ref. No. 5 fully, close No7 Brown Hand wheel, and then open your L/P tap water supply.

BEWARE The handle Ref. 2 might rise: The Water will automatically push through the test pump to the unit to be filled without having to pump the test pump at all. Once the unit is filled with water, you can now start pumping until you obtain the test pressure required.

3. For high pressure pumping: Select 2a of the handle for high pressure pumping or 2b for lower pressure pumping.

PROCEDURE B: PREPARATION FOR ALL BREAKAWAY H.T.P. MODELS

1. Close red handle Ref. 5 and brown hand wheel Ref. 7 and pump handle Ref. 2 until it becomes hard and unable to pump. DO NOT FORCE (No pressure reading will occur on pressure gauge) Should this not happen, clean seat and/or tighten gland packing nut.
2. After not being able to push the handle down, now release red handwheel, Ref. 5 only and pump until water comes out of hose. (Your pump is now ready for use)
3. Connect H.P. hose Ref. 6 onto the item for testing, but make sure that you have pre-filled the vessel with water that's to be tested.
4. Pump handle Ref.2 until you obtain required test pressure.
5. Once test pressure is obtained, close red handwheel Ref. 5 and carry out your testing requirements.
6. To release pressure, open brown handwheel Ref. 7.
7. To prevent rust, whilst NOT IN USE: Wash the unit out after use with soluble oil.
N.B. On Ref. No.'s 501, 502, 503, 504, 505, 506, 26 strokes of the handle will give approximately 1 litre of water.



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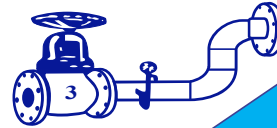
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HTPI/CP50

MANUAL TEST PUMP

CP-50



Manual Hydraulic Pressure Testing Pump CP -50 is newly developed and test pump with stable output, easy to maintain. It has double valve pressure lock, and good operate function.

Feature

1. Hydraulic testing for leaks in water pipe system, heating and oil installations, air-conditioning and solar power system.
2. Completed with high pressure hose and connectors.
3. Pump plunger can be lubricated and has replaceable seals.
4. Efficient running needle valves ensure continuous operation.
5. Stainless steel of water tank can be changed for choice

Specifications

Model	Pressure (Bar)	Flow (Volume)	G.W/N.W (kgs)	Size (cm)	Water Tank (Volume)	Piston Material	Pump Body Material
CP-50	0-50	45ML	7.7/7.2	53*20*30	10L	POM	Aluminum

2mm thickness of body, copper pump body, and aluminum box.

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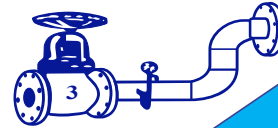
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HTPI/DSY60

ELECTRIC TEST PUMP

DSY-60



Future:

Stable output, low power with convenient carry and easy maintain.

Reliable device of pipeline construction, pressure vessel manufacture test, pipeline pressure test.

Widely used in pressure vessel manufacturer, architectural trim building site, construction test of fire fighting device and estate management of garden house.

Specifications

Model	Pressure (Bar)	Flow Volume	G.W/N.W (kgs)	Size (cm)	Power (W)	Voltage (V)	Packing	Pump Body Material
DSY60	0-60	3.0L/m	12.5/10.5	40*29*30	250	220/110	Plastic box	Copper

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