



Up to 4,000 bar (58,000 psi)



Air drive



Mobile



Manually operated



**TPA Trolley**  
**pressure test system**

[itensify.eu](http://itensify.eu)

# TPA Trolley

## THE PERFECT SOLUTION FOR PRESSURE TESTING ON LOCATION

The TPA pressure test system performs a safe, ergonomic and fast pressure test. The trolley is easy to move and is therefore the perfect solution for pressure testing on location.

The TPA trolley is easy to operate due to the panel with clear instructions. Extra options can be added to optimize your testing process, such as an isolate valve, EasyLogging data software or a second pump for more flow.

### TEST FLUID

The TPA Trolley is a self-contained unit and suitable for handling tap water as high pressure fluid (for other liquids such as oil, water/oil and water/glycol please contact Itensify).

### FEATURES

- One valve operation to bleed down pressure
- Gauge with safety glass
- Easy to move as the unit is light and compact
- Easy to connect incoming and outgoing hoses
- Continuity through high-quality, simple and solid system set-up
- Durable due to stainless steel (316) frame and panels
- Easy reading and operation due to angled panel with clear instruction



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Portable

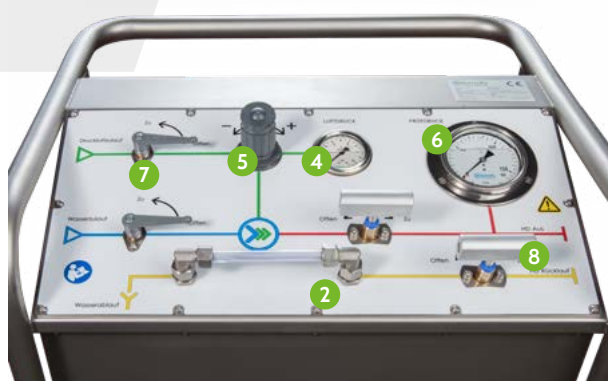


Manually operated



# Features

- 1 Panel mounted operation
- 2 Clear operation instructions
- 3 Saver testing with pressure limiter
- 4 Pressure setting gauge
- 5 Pressure setting
- 6 Test pressure gauge with bar reading as standard
- 7 Start and stop of pump
- 8 Bleed valve
- 9 Stainless steel frame enclosed with panels (sides and back are open)
- 10 Removable front panel for service or mechanical recorder
- 11 All connections are pointing away from the operator
- 12 Easy connection of ingoing and outgoing hose
- 13 Standard itensify test adapters fit within the frame
- 14 Less chance of leakage due to ManifoldTech
- 15 Connection for EasyLogging data software





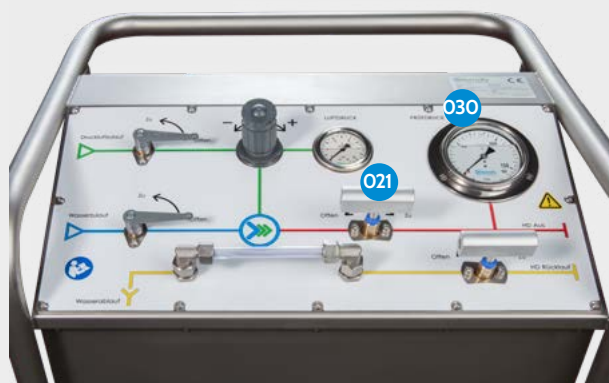
## PPA COMPACT

# Extra options

Option nr.

- 001 Second pump for more flow
- 021 Better testing with isolate valve
- 030 Reading in other unit than bar (specify type of unit)
- 041 EasyLogging test data software
- 045 Mechanical recorder
- 052 Stainless steel reservoir of 4 or 8.5 liter
- 061 Test-adaptor to 3/8"-BSP (F) \*
- 062 Test Hose: WP 4000 bar, L=3000 mm \*
- 071 Protection: stainless steel cover over the panel
- 077 Stainless steel protection panels to fully enclose the unit
- 142 Fixed return connection 1 1/8"-12 UNF (F)

\*Custom hoses or adapters on request (specify connection and/or length).



# How does the TPA Trolley work?

The prefilling of the test object is done by tap water or an external reservoir. The high pressure pump is driven by compressed air (air drive). Due to a surface difference between the drive side (large surface) and the high pressure side (small surface), the pressure increase is created. This way a high pressure fluid is generated by the use of compressed air. With the hand operated regulator the high pressure is stepless adjustable. The pressure can be read from the calibrated pressure gauge. The pressure is released via the hand operated bleed valve.

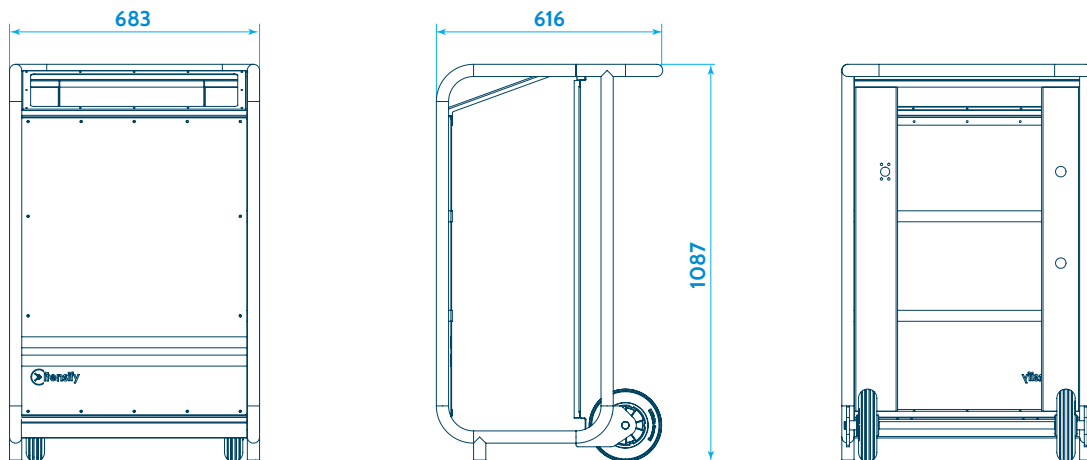
## TECHNICAL TABLE

MAX. PRESSURE * PRESSURE SETTING			GAUGE RANGE	GAUGE ACCURACY ***
Type	bar	psi	bar	± bar
TPA 0130	147	2100	12 -> 147	1;6
TPA 0250	252	3650	20 -> 252	4
TPA 0500	420	6050	34 -> 420	6
TPA 1000	1008	14600	80 -> 1008	16
TPA 1300	1659	24050	133 -> 1.659	20
TPA 2000	2261	32750	180 -> 2.261	25
TPA 3000	3206	46450	260 -> 3.206	40
TPA 4000	4000	58000	414 -> 4.000	50

Max. Pressure \* is @ 7 bar (100 psi) air drive pressure.

Gauge Accuracy \*\*\* is applicable over the full scale of the gauge.

## DIMENSIONS AND CONNECTIONS

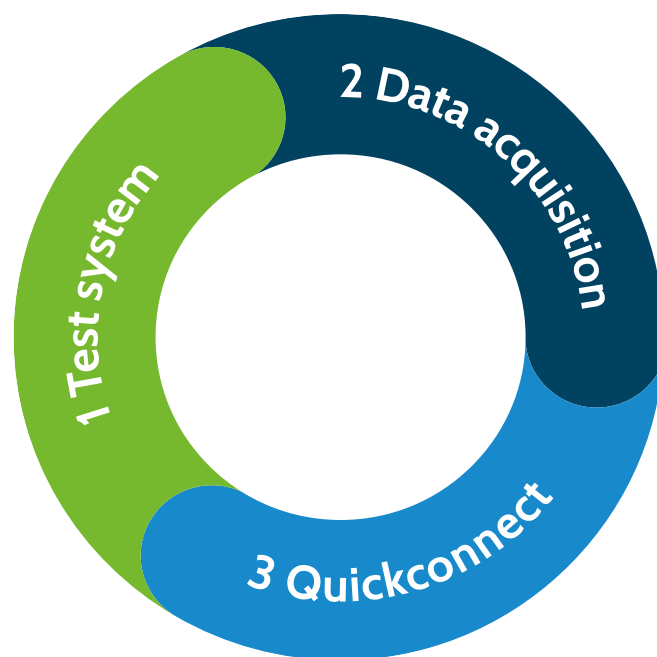


## HOW IS THE TPA TROLLEY DELIVERED?

- As a self-containing unit, ready to use
- The additional ordered options are mounted, connected and tested with the unit
- All options are suitable for the chosen pressure unless specified otherwise
- Clear and practical manual
- Test and calibration certificates
- Including CE marking

# A complete solution with 'The total circle of quality control'

Intensify offers a solution for the entire quality control. In addition to the innovative pressure test system, we also offer a solution for digitizing the test process (data acquisition) and connecting the test object quickly using QuickConnect. We call this concept 'The total circle of quality control'.



## 1 INNOVATIVE PRESSURE TEST SYSTEMS

The range of test systems varies from portable (compact lightweight) and movable (trolley) to stationary for use in the workshop. We offer air-driven systems and electrical driven systems and there is a choice between manually operated or computer controlled test units.

## 2 EASYLOGGING DATA ACQUISITION

EasyLogging is the perfect solution when professional storage of test data is a requirement. The software is easy to use and the test certificate is ready within seconds after the test.

## 3 SAVE TIME WITH QUICKCONNECT

The QuickConnect shortens your test cycle by connecting test objects within seconds. This is done in a safe, ergonomic and quick way.



# be one step ahead in pressure test solutions

Itensify develops advanced test systems for the quality control of hoses and pressure containing objects. Innovation is a top priority in the development of our test solutions. With our innovative technology, such as the electric drive and SoftBleed, you can test quickly, economically and accurately. Our mission is to help our customers to take a step forward in the field of pressure testing. To improve the quality of the testing process which results in a safe product for the end user.

## SERVICE & SUPPORT

The Itensify customer care team is at your service and handles all customer questions personally. Should an unexpected problem arise, our service team will ensure that it is resolved as quickly as possible. We make every effort to ensure that the testing process does not stop. Itensify has its own (online) service, software, installation and maintenance department. This includes re-calibration service.



» FAST & ACCURATE TESTING

» ELECTRICAL DRIVEN SOLUTIONS

» REDUCE TOTAL COST OF OWNERSHIP

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