



PREY's new pump testing rig completely redefines the conventional method of testing firefighting pumps. Its functionality, exemplary ergonomics, high degree of automation and, consequently, operational efficiency set standards previously unknown in the industry. Nothing has ever been easier

The new pump testing rig from PREY for flow rates of up to 4000 l/min — PPS 4000 for short — achieves a maximum level of accuracy, user-friendliness and automation. It features a stainless steel pressure tank, is therefore independent of location, and with basic dimensions of just under 3 m by 1.9 m can be installed in virtually any vehicle bay.

All water-carrying pumps, especially firefighting pumps in accordance with DIN EN 1028-1 and DIN EN 1028-2, can be tested with the PPS 4000. It is designed in accordance with the specifications of DIN EN 1028-1 and DIN EN 1028-2, and is also based on DIN EN ISO 9906 with regard to the positioning, size and arrangement of the measuring sensors and water-carrying fittings, with particular attention to pipe dimensions and the distances to adjacent walls and other pipework.

Like all systems and equipment from PREY, the PPS 4000 is a true one-man system.

The differences and unique selling points compared with similar technologies in detail:

Quite simply everything — there is nothing comparable!

The PPS is ...

the most ergonomic: The attached adjustable support arm offers a high level of comfort and an ergonomic working method for the operator. The unit can be adapted to any operator and any working situation — individually adjustable in height, length and angle, and it can also be rotated almost 360°.

the safest: No hoses to step over and no cables on the floor. All suction and pressure hoses are mounted directly on the PPS. The positioning of the operating personnel has also been carefully reconsidered — it corresponds exactly to that of the pump operator during deployment — directly at the operating side of the pump being tested — **everything in its place!**

the most customizable: All test programs can be individually adapted by the operating personnel — nothing is mandatory!

the simplest: The tank is equipped with fully automatic level control so that lost water is refilled directly. The test water, which heats up during the testing process, is cooled back down inside the tank by means of a special cooling system — **we think ahead!**

the most accurate: The PPS 4000 guarantees an overall measurement accuracy of less than 0.5%!

the most powerful: Including all necessary conversion work, it is possible to test up to **6 pumps** in one hour using the PPS 4000.

the most durable: All water-carrying fittings as well as the complete tank are made of high-quality, durable stainless steel (alloy 1.431) with the highest manufacturing precision — for unmatched service life and maximum value retention.

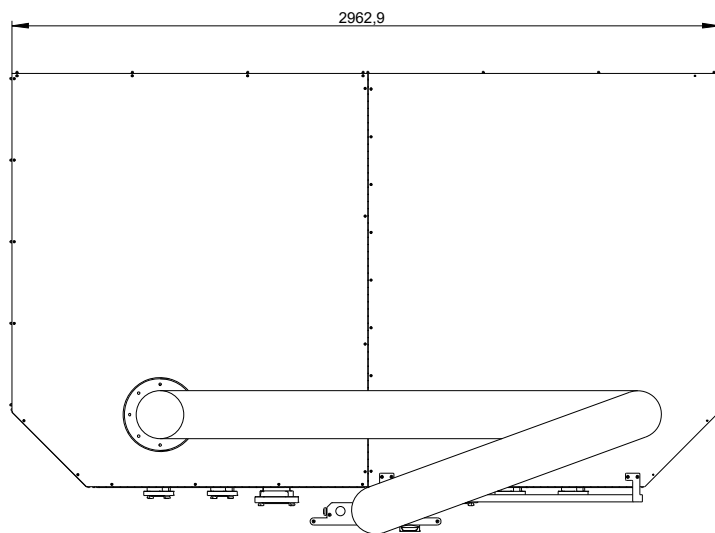
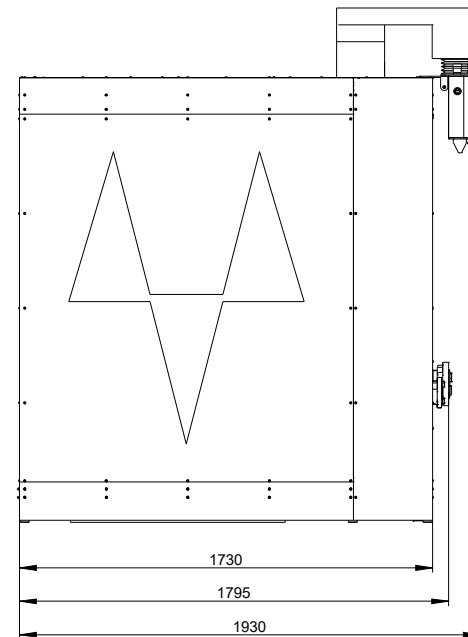
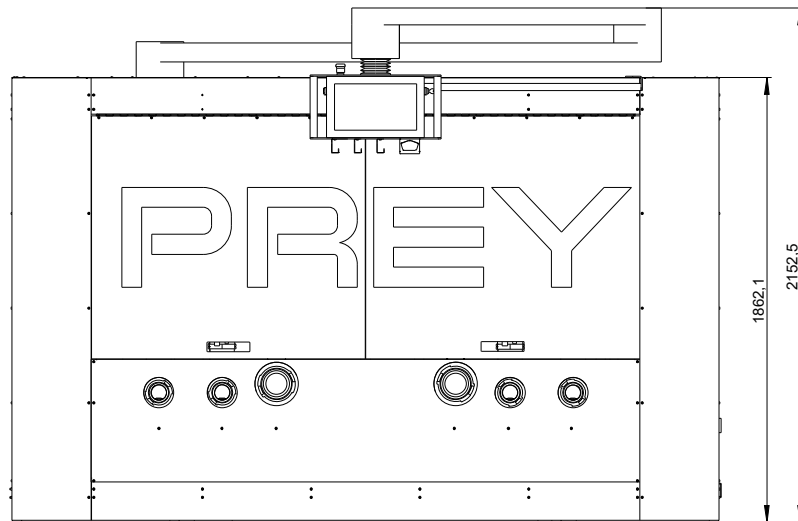
the most mobile: Using the simplest means, the entire PPS 4000 can be transported and moved. A standard forklift or pallet truck is sufficient.

The PPS 4000 is unique!

Technical Data:

Article number:	1-006-
Description:	Pump Test Rig
Type:	PPS 4000
Dimensions:	1795 x 2962,9 x 1862,1mm (W x L x D)
Weight:	1.800 kg

Electrical connection-	
values:	400V AC/50Hz/2,5kW/16A
Mains water connection:	2"
Functions:	Testing
Operating mode:	One-man operation
Installation type:	Mobile



PPS 4000

Datum: 02.06.2015

Maßstab: 1:50

Technische Details

Netzwasseranschluss:	2" (oder Storz-C)	Stromanschluss:	AC / 400 V / 16 A / 50 Hz
Gewicht:	1.800 kg	Leistung der Leitung:	2,5 kW

Pumpen-Prüf-Stand