



Instruction manual

Safety Shower Test Unit



Before using the equipment, please read carefully this instruction manual!

Version 1.2

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Manufacturer's address:
POL-EKO sp.k.
ul. Kokoszycka 172 C
44-300 Wodzisław Śląski
Country of origin: Polska

As a manufacturer, we inform you that we took the necessary measures to ensure that this device fully meets your expectations and is reliable for a long period of use. Due to the continuous improvement of our products, as well as the expansion of our offer, any suggestions regarding additional functions and equipment functioning are welcome. Visit our homepage www.pol-eko.com.pl/home-en/

Equipment disposal



This equipment is marked with the crossed out wheeled bin symbol to indicate that this equipment must not be disposed of with unsorted waste. Instead it's your responsibility to correctly dispose of your equipment at lifecycle -end by handling it over to an authorized facility for separate collection and recycling. It's also your responsibility to decontaminate the equipment in case of biological, chemical and/or radiological contamination, so as to protect from health hazards the persons involved in the disposal and recycling of the equipment. For more information about where you can drop off your waste of equipment, please contact your local dealer from whom you originally purchased this equipment.

By doing so, you will help to conserve natural and environmental resources and you will ensure that your equipment is recycled in a manner that protects human health.

Thank you!

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1. DESCRIPTION

Emergency showers should be tested at least once a month to check the functionality and required volumetric flow of 30 l/min. This mobile test unit offers an extremely practical and simple solution for checking emergency showers and handheld eyewashers parameters. The large funnel located centrally in the safety shower can be extended to a height of 2.30 meters, while the smaller funnel is designed to collect water from handheld eyewashers (min. required flow rate 6 l/min). The amount of collected water can be checked on the scale of the water tank (0L - 120 l). The integrated electric pump empties the tank in the shortest possible time.

2. COMPONENTS OF THE UNIT

The unit components:

- Transparent PVC water tank on castors with brakes
- Integrated electric pump
- Drain hose (2m) for emptying the water tank
- Separate brackets for drain and supply hose
- The large funnel
- The small funnel

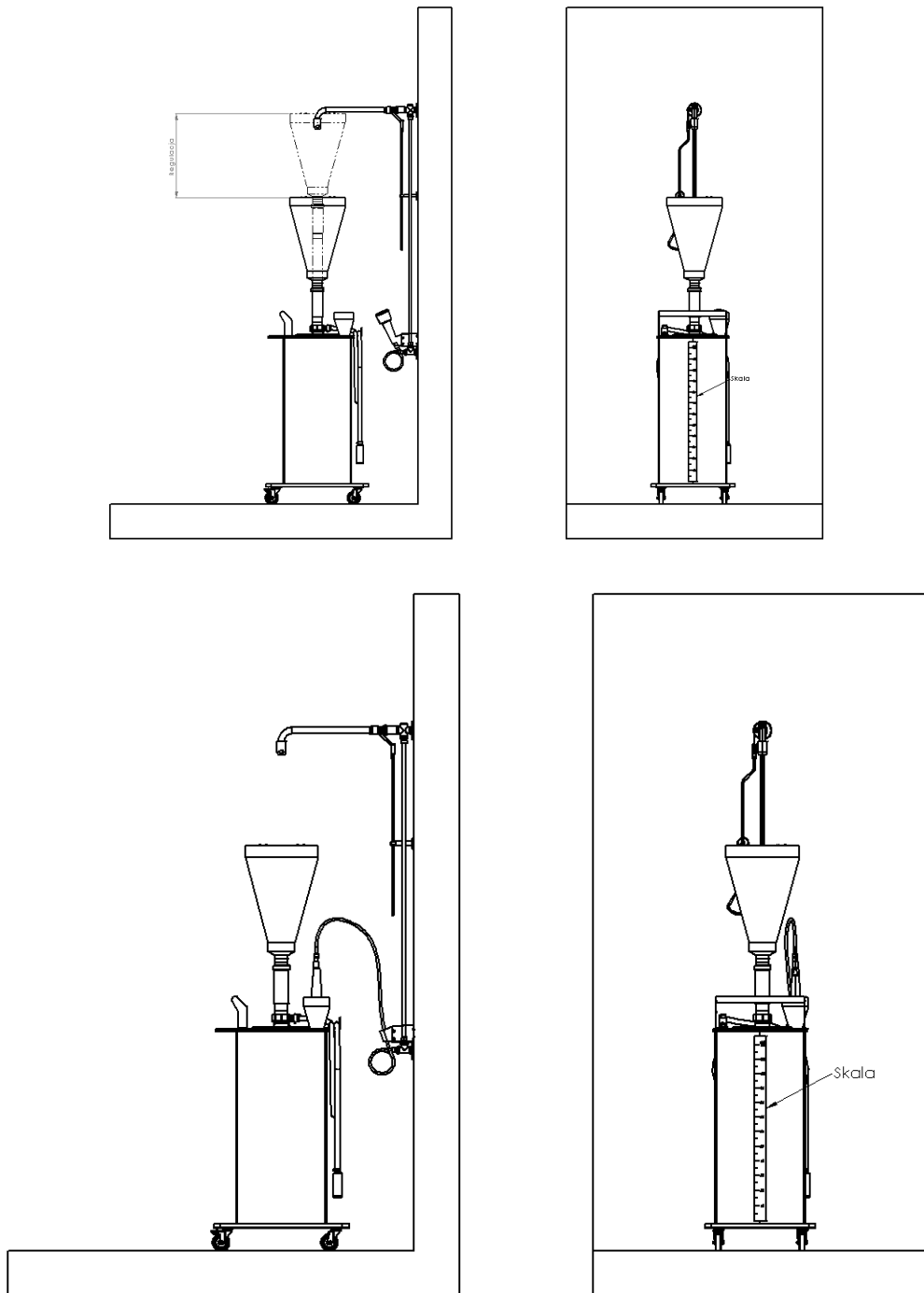
3. DEVICE OPERATION

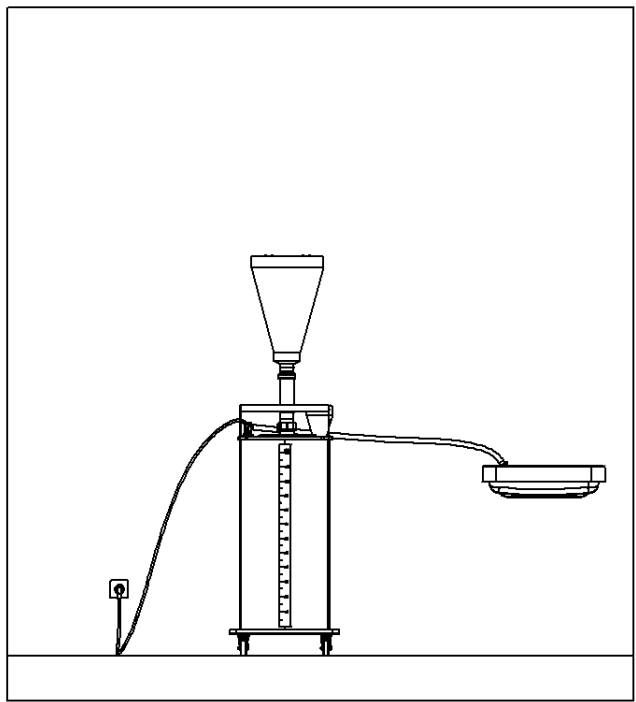
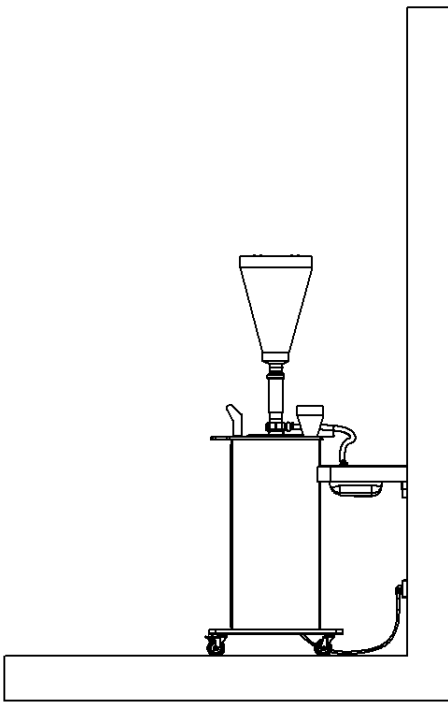
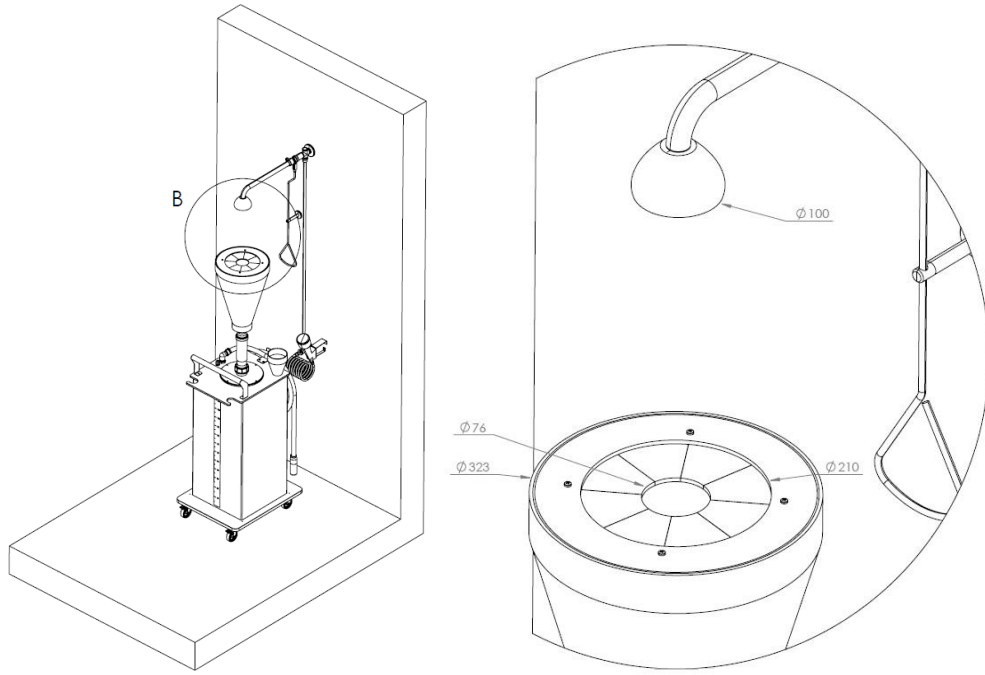
Safety shower test unit is compatible with every available emergency shower on the market. When placed under the emergency shower, the large funnel can be adjusted to the height of the shower head (up to 2.3m from the ground).

After test unit is properly installed, the shower can be launched. The outgoing water flows into the transparent water tank where the amount of water can be measured on a scale from 0 to 120 litres. Thanks to the transparency of the collecting container, the optical quality of the water can also be checked.

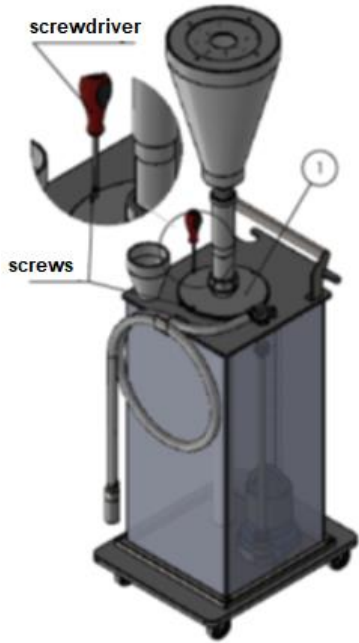
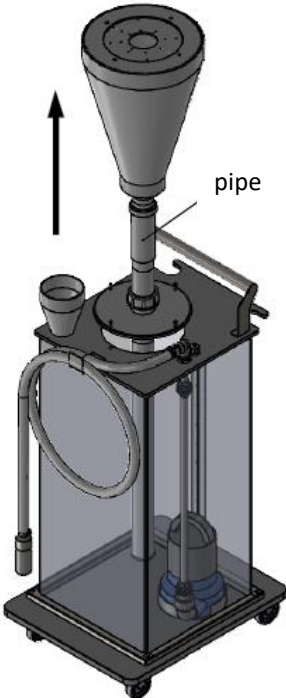
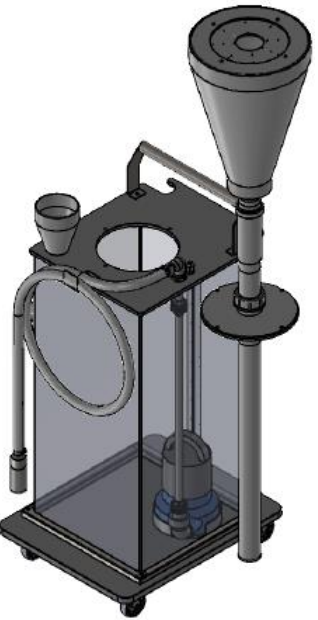
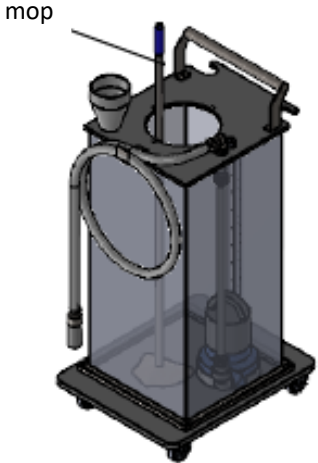
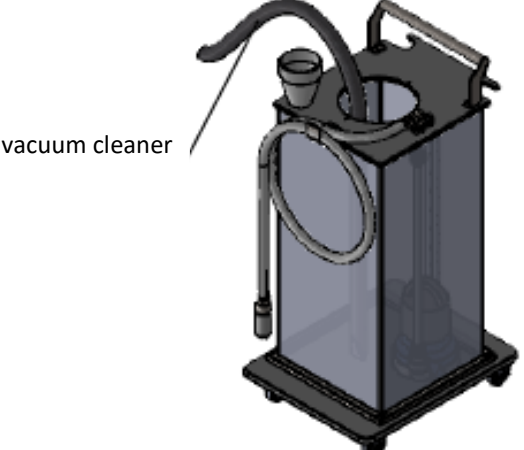
When the test is completed, the telescopic large funnel must be shortened to its starting position. The safety shower test unit can be moved to nearby sink in order to connect outlet hose do drainage system and electric pump to electric socket. When necessary connections are made, the unit is ready to pump out gathered water. The pump is mounted inside water tank in the way that allow to remove water up to 2 mm. The unit display is not calibrated and shows the value in an approximate range. The tester is made mostly of polyvinyl chloride and should be treated with the same care as any other polyvinyl chloride products.

Figure 1: How to use the unit





4. CLEANING AND MAINTENANCE

<p>1. To remove part no. 1, unscrew the 4 screws.</p>	<p>2. Pull the tube up until it is completely out of the tank.</p>	
		
<p>3. Removing water from the tank: Version A: wipe the bottom of the tank dry with a mop Version B: remove the water from the tank with a vacuum cleaner with a water collection function</p> <p>4. Wipe the tank with a microfiber cloth 5. Repeat steps 1 and 2 in reverse order to restore functionality</p>		
		

5. PRODUCT IDENTIFICATION LABEL

Below there is an example of a product identification label:





1. Manufacturer's data
2. Type of the unit
3. Serial number

6. TECHNICAL DATA


Parameter:		Safety Shower Test Unit
Capacity of transparent PVC water tank [l]		120
The power supply of electric pump [V]		230
Degree of protection (IP)		65
Dimensions [mm]:	Width	600
	Depth	500
	Height	1780
Diameter of the large funnel entry [mm]		200
Diameter of the small funnel diameter (at its widest point) [mm]		117
Weight [kg]		30

7. DECLARATIONS OF CONFORMITY

	DEKLARACJA ZGODNOŚCI UE EU DECLARATION OF CONFORMITY		 POL-EKO
Produkt: Kalibrator pryszniców bezpieczeństwa	Product: Safety shower test unit		
Model: -	Model: -		
w wersjach: -	in version: -		
Nazwa i adres producenta: POL-EKO A.Polok-Kowalska sp.k. ul. Kokoszycka 172 C 44-300 Wodzisław Śląski Polska/Poland		Name and address of the manufacturer:	
Niniejsza deklaracja zgodności wydana zostaje na wyłączną odpowiedzialność producenta.		This declaration of conformity is issued under the sole responsibility of the manufacturer.	
Wymieniony powyżej przedmiot niniejszej deklaracji jest zgodny z odnośnymi wymaganiami unijnego prawodawstwa harmonizacyjnego:		The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:	
LVD 2014/35/UE EMC 2014/30/UE RoHS 2011/65/UE & 2015/863UE WEEE 2012/19/UE		LVD 2014/35/EU EMC 2014/30/EU RoHS 2011/65/EU & 2015/863EU WEEE 2012/19/EU	
Odniesienia do odnośnych norm zharmonizowanych, które zastosowano lub do innych specyfikacji technicznych, w stosunku, do których deklarowana jest zgodność:		References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:	
LVD		PN-EN 61010-1:2011	

Wodzisław Śl. 03.04.2023

W imieniu producenta podpisał:


 Małgorzata Szafarczyk
 Dyrektor Generalny (CEO)