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UNI-TROL

GARAGE EQUIPMENT

CE

OPERATING INSTRUCTION

Portable inflating device P-7A

Inflating device P-7A

Serial number ……

Manufacturing date ……

MANUFACTURER

UNI-TROL Co. Ltd.

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The manufacturer reserves the right to introduce changes to improve the operation of the device without the need to amend this manual.

DESCRIPTION

The P-7A inflating device is applied for inflating tires of passenger vehicles. It can be used at vehicle service stations and gas stations that are fitted with a compressed air system or an independent compressor.

TECHNICAL DATA

Tank capacity	7 l
Working pressure	7 bar
Maximum working temperature T_{max}	+ 40°C
Minimum working temperature T_{min}	- 20°C
Dimensions	600x290x200 mm
Weight	6 kg

INFLATOR INSTALLATION

The inflating device charging station shall be equipped with a hanger pipe installed on a wall, pillar, etc. - in compliance with dimensions specified in Fig.2. The air feed valve shall be attached to the elbow, with the thread sealed with the help of a teflon tape, sealant or any other sealing agent. The valve shall be positioned vertically.

ATTENTION

When tightening the air feed valve apply the tools to the lower valve body with the larger hexagon. The upper valve body must not be rotated.

The compressed air system shall be fitted with a de-watering filter positioned before the inflating device's hanger.

INFLATOR OPERATION

The operation of the inflator is divided into two stages:

1. Charging the inflating device with compressed air.
2. Inflating a tire.

1. Charging the inflating device.

- Turn the air compressor on
- Position device on the hook, sliding the automatic charging valve onto the air feed valve. Push device gently downwards, so that the hissing of air you hear when the valves open stops. The inflating device is fully charged when the pressure ceases to increase (as indicated by the tank's pressure gauge), or when the safety valve opens

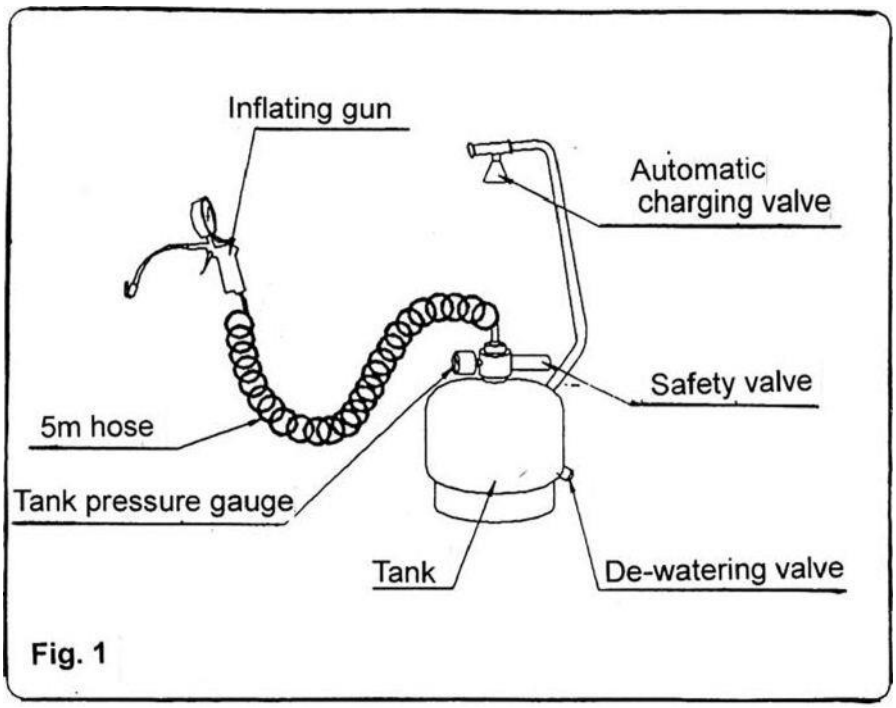
Inflating gun
Automatic
charging valve
Safety valve
5m hose
Tank pressure gauge
Tank
De-watering valve

Fig. 1

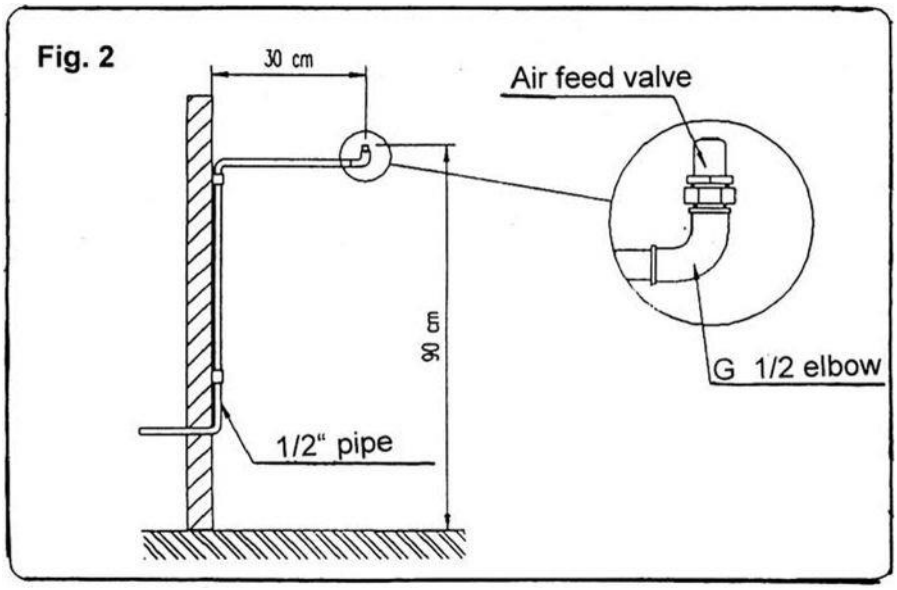
30 cm
Air feed valve
90 cm
G 1/2 elbow
1/2" pipe

Fig. 2

2. Inflating a tire.

- Remove the inflating device from the air feed valve and position it next to a parked vehicle
- Take the gun off the hook and position it on the tire's valve
- Pull the gun's trigger to let the air flow from the tank to the tire. After the trigger is released, the pressure gauge indicates the current tire pressure
- After the tire is inflated, position device in the charging stand and charge it with compressed air

OPERATING GUIDELINES

For the inflating process to be effective, device shall be charged to a pressure that is higher than the desired tire pressure. One can assume that the volume of air inside a P-7A inflating device charged to a pressure of 7 bar (0,7 MPa) is sufficient to increase the pressure by approximately 0,5 bar (0,05 MPa) in five tires (185x70x13), or to inflate one tire from 0 to 2 - 2,3 bar (0,20 - 0,23 MPa).
The automatic charging valve, the gun and the air feed valve must all be kept clean.
The water collected inside the tank when steam condenses during deflation or during ambient temperature fluctuations shall be removed periodically. For this purpose tilt a charged inflating device so that the body of the de-watering valve is located vertically, and use a 13 spanner to slacken valve's nut by 1-3 turns. Water will be blown out of the tank through an opening in the side wall of the de-watering valve's body.
Air feed valve uses a typical vehicle tire valve insert to cut the flow of air. Should the air feed valve start leaking, replace valve the same way it is normally replaced in a tire.

GUARANTEE

Any potential repairs and adjustments shall be performed by the manufacturer. A repair carried out during the warranty period by the user on his/her own, or removing the seal of the safety valve shall result in the warranty becoming invalid. Replacement of the tire valve in the air feed valve shall be an exception, as it may be performed by the user without any impact on the manufacturer's warranty.

UNI -TROL®

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WHEEL BALANCING MACHINES **RIM STRAIGHTENING MACHINES** **TYRE CHANGERS** **EQUIPMENT FOR TYRESHOPS**

Statistic no. : 008132994 **EC VAT no.** : PL5270205246 **Register no.** : KRS 0000111731 **EORI no.** : PL527020524600000
Account : for EURO : ALIOR BANK SA for EURO: no. PL 96 2490 0005 0000 4600 4784 6179 (swift code: ALBPPLPW)

CE

EC Declaration of Conformity

in accordance with directives : 2014/29/EU and 2014/68/EU

We : **Uni-trol Co. Ltd.**
Ul. Estrady 56
01-932 Warsaw
Poland

declare, under our exclusive responsibility, that the product

Portable inflating tank

Portable pneumatic device

type : P-7A

Serial number .....,

and its pressure components to which this declaration applies have been designed and manufactured and checked in relation to the applicable essential requirements and relevant conformity assessment procedures of the directives:

- **directive 2014/29/EU (** simple pressure vessels**),**
- **directive 2014/68/EU (** pressure equipment **),**

The pressure components of the device: tank and safety valve, have been assessed by their manufacturers in terms of the requirements of the above-mentioned directives and confirmed by declarations of conformity, which are also attachments to the product. The tank manufacturer is subject to the supervision of a notified body.

In order to verification of compliance with the applicable legal regulations have been consulted the harmonized standards and other normative documents:

PN-EN 286-1:2001+Ap1:2002+ AC:2005 +A1:2004+A2:2006;
Simple unfired pressure vessels designed to contain air or nitrogen Part 1: pressure vessels for general purposes
EN ISO 4126-1:2013
Safety devices for protection against excessive pressure — Part 1: Safety valves
PN-EN ISO 11201:2012P
Acoustics. Noise emitted by machinery and equipment. Determination of emission sound pressure levels at a work station and at other specified positions in an essentially free field over a reflecting plane with negligible environmental corrections

PN-EN ISO11202:2012P
Acoustics -- Noise emitted by machinery and equipment -- Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections
PN-EN ISO 4871:2012P
Acoustics -- Declaration and verification of noise emission values of machinery and equipment

The technical documentation of this device, referred to in point 1 of Annex VII A of the Machinery Directive, is located in the headquarters Uni-trol Ltd. (address as above) and will be made available to the competent national authorities for at least 10 years after the last piece.
The person responsible for the preparation of the technical documentation of the product and introducing changes in it, is MSc. Gregory Tworek.
This EC Declaration of Conformity will be kept by the manufacturer of the product for 10 years from the date of produce the last unit and will available for market supervisory authorities for verification.

MSc. Gregory Tworek

Warsaw, 30.10.2019 .....
Signature