



Lesite Technology

Air Pressure Tester

Manual





Please read this manual carefully before using this machine, and keep it for future reference.

Overview

The air pressure tester is one of Lesite testing tools used for testing the geomembrane welding seams quality. The working principles is filling the pressurized air in the cavity between the two geomembrane welding seams, if the pressure gauge pointer doesn' t move for a certain time, the welding seams quality is reliable.

It is easy to operation, convenient to carry and reliable detection, especially suitable for geomembrane welding seams test at the construction sites.

Technical Indicators

0~0.6MPA



Precautions



The air pressure tester should be kept clean and safe. It should not be violent vibration and collision when it is used and delivered so as not to be damaged.



Generally, the air pressure tester should be used to 3/4 of the upper pressure limit, and it is not allowed to be filled forcibly. To ensure the accuracy of the air pressure tester, it should be regularly checked and maintained.

Operations

1. The air pressure tester is stainless steel hollow needle, it is will be bended under improper use. Therefore, when the air pressure tester is inserted into the film material, it must be in the axial direction insert, do not shake left and right, so as not to break down the needle.
2. When the ambient temperature is below 15°C, the film material is hard and inconvenient to insert. At this point, hand hot air gun can be used to soft the membrane material, and then insert needle to test.
3. The insertion depth of the air pressure tester depends on the length of the welding seams and the leak detection time. If the detection time is longer, the needle can be slowly proelled, to ensure the tightness between needle and membrane material, it can prevent leakage at the eye of the needle, and ensure the smooth completion of the detection work.

Operations

- 4、 Please make sure that the testing needle and the air pump are in good connection.
The pump clamp needs insert to the the soft air tube. Press down the black lock, and then clamp the needle valve to the inflatable mouth (similar as bike inflatable).
- 5、 Please determine the testing needle before the seams testing. Please use your finger to suppress the pinhole without any leakage, and then fill in it with certain air. It is in good condition if the pressure gauge pointer keeps at the same position after a minutes.
- 6、 Please filled the pressurized air in the testing cavity, if the pressure gauge pointer doesn' t move for a certain time, the welding seams quality is reliable.

Quality Assurance

- This product guarantees a 12-month shelf life from the day it is sold to consumers. We will be responsible for failures caused by material or manufacturing defects. We will repair or replace defective parts at our sole discretion to meet the warranty requirements.
- The quality assurance does not include damage to wearing parts, damage or defects caused by improper handling or maintenance, and damage caused by falling products. Irregular use and unauthorized modification should not be covered by the warranty.

Repairs and Spare Parts

- It is strongly recommended to send the product to Lesite company or authorized repair center for professional inspection and repair.
- Only original Lesite spare parts are allowed.





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