

# IMLEAK 2.0

The IMEL IMLEAK 2.0 is  
a new semi-automatic  
non-destructive leak  
tester for any liquid  
filled vials, bottles,  
ampoules and  
syringes.



**LEAK TESTER**



# IMLEAK<sub>2.0</sub>

is an innovative device for leak tests by pressure or vacuum decay method. By measuring the pressure difference between the product being tested and a reference value, the test times are reduced and the sensitivity is heightened.

The touch interface, with a colour display and the real-time visualization of the tests, makes the programming and the use simple and immediate.

Its high measurement resolution and the test accuracy, in combination with the electronic regulation of the pressure, allow you to perform repetitive and accurate leak tests.

## ✓ UNIVERSAL

The IMLEAK2.0 universal drawer allows you to test various types of products, such as vials, bottles, ampoules and syringes. The quick format change, which consists in the positioning of a format adapter created according to the product, allows a high flexibility.

## ✓ EASY to USE

The test is done by simply inserting the drawer and pressing the start button. The recipe book allows you to save various formats and load them when necessary.

## ✓ CONFIGURABLE

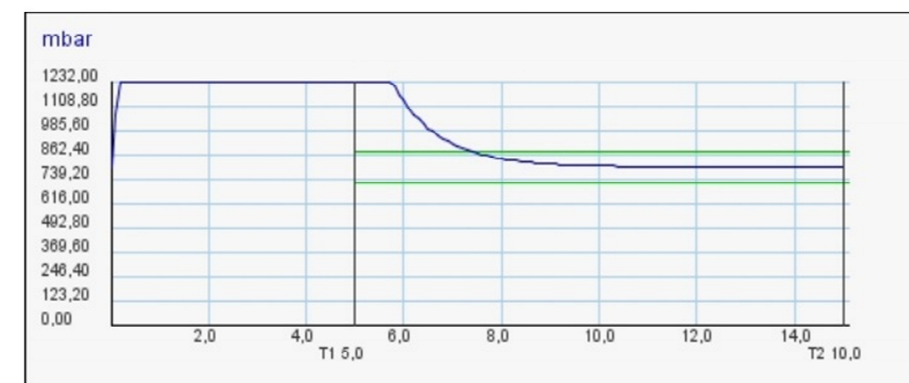
Based on your needs, IMLEAK2.0 allows you to have various options, such as the CFR21 part 11 expansion, software for PC communication and printing, barcode reading and the connection to the customer server with ethernet.

The possibility of interfacing with barcodes, QR-code readers and printers and the possibility of recording tests on USB memories or via Ethernet, make it a complete instrument suitable for the most modern production applications.



## DIFFERENTIAL PRESSURE DECAY

Mainly suitable for testing liquid filled containers, this testing cycle is based on a comparison between the product being tested and a reference volume. In this way, the effects of the pressure settlement inside the tested product are reduced and the accuracy in detecting a leak rate is increased, achieving excellent results in a quicker interval.

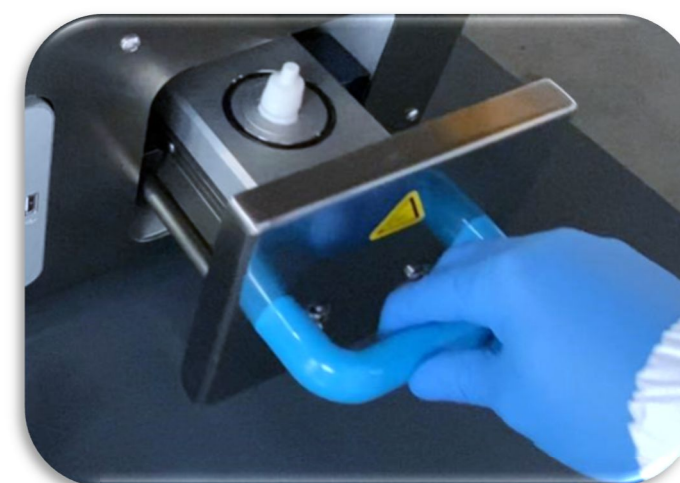
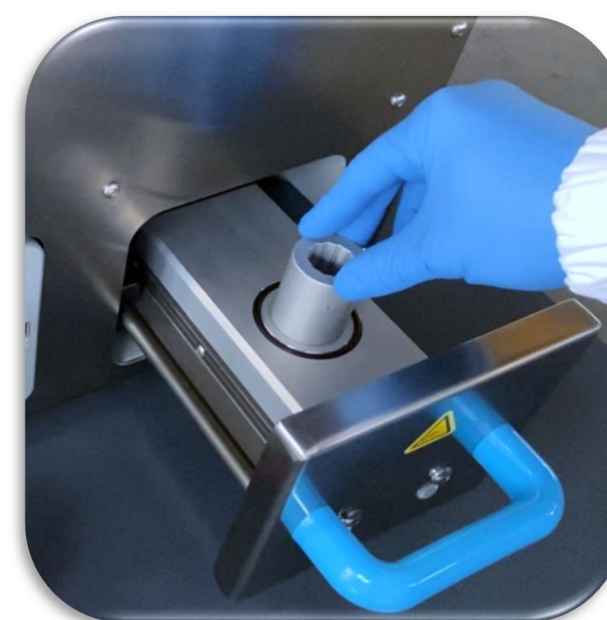


## VACUUM DECAY

Mainly suitable for testing bottles, ampoules and vials, this testing cycle is based on a measurement between a predetermined level of vacuum outside the container in test and if there are any leaks, there will be an increase in pressure compared to the predetermined one.

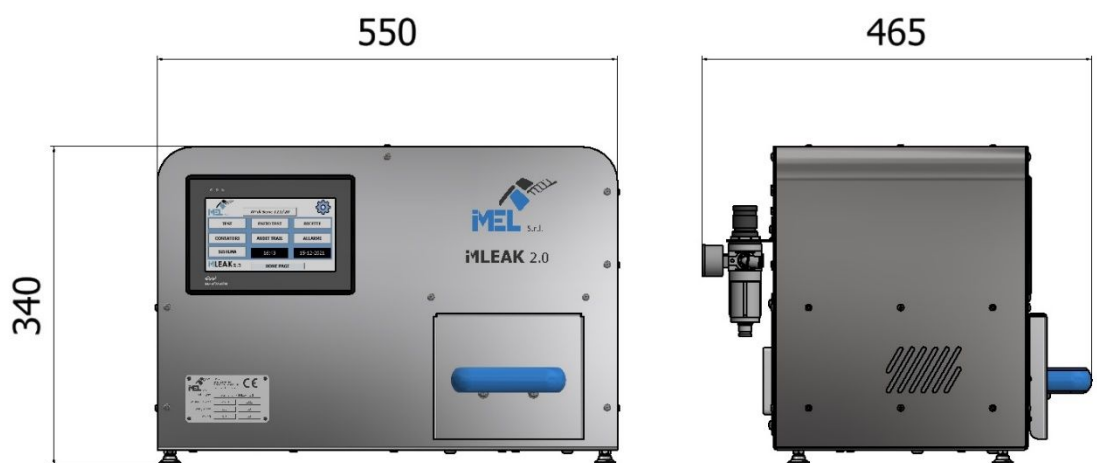
The way in which the set pressure is not reached or decreases determines the type of leak in the container.

IMLEAK2.0 has the possibility to carry out tests in vacuum up to -850mbar. For higher depressions we can control an external vacuum pump



# Technical Specification

Power Supply	110/240 V 50/60 Hz
Compressed Air Line	Dry, non-condensing, 5-micron filtered and oil-free air, compliant with ISO8573-1 at 6 bar
Sensor Calibration	Guided procedure with sample instruments.
Pressure Regulator	Electronic, with dedicated pressure transducer to visualize the regulated pressure on the display
Display	7" colour TFT LCD display with touchscreen
Indicators	4 lights (testing phases, pass/reject outcome)
Test counter	Passed and Rejected totals, resettable to zero
Programmable parameters	300 testing tables with sequential mode, general parameters, volume calculation to indicate the leak
Construction	Stainless steel AISI304 and anodized aluminium
Dimensions	550 x 465 x 380 mm
Product dimensions	Maximum standard container 120 x 60 x 60 mm Maximum cylindrical container Ø32 x 110 mm (Other customizable sizes on request)
Optional	CFR21 part 11 expansion PC communication and printing Barcode reader Connection to the customer server



SCAN ME

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