



LPA3

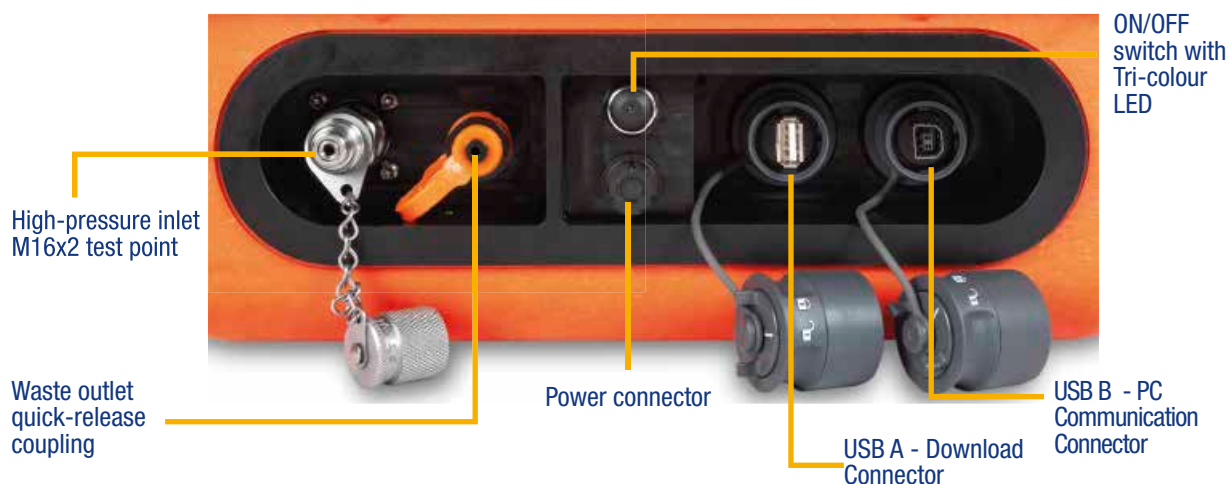
Quick-start Guide



The purpose of this guide is to introduce the LPA3 Portable light extinction particle analyser and help you get started quickly and easily. We map the key areas of the interface and machine layout and take you through an example sample testing.

Full instructions and support are available in the Operator's Manual at mpfiltri.com

HYDRAULIC CONNECTIONS



HEALTH AND SAFETY

Do not operate, maintain or carry out any procedure before reading the Operator's Manual. It is also important to comply with the current regulations related to occupational accident prevention and safety in the workplace.

Any individual operating the unit shall wear the following Personal Protective Equipment: Eyewear; Safety shoes; Gloves; Overalls (or other suitable protective clothing).

SUPPORT MATERIALS

MP Filtri is dedicated to offering comprehensive customer support with multimedia guides designed to help you master the device quickly and easily.

You can find all the tools you need at our website:
<https://www.mpfiltri.com/>

A full Operator's Manual is available

TECHNICAL SPECIFICATION

Particle Sizing

>4, 6, 14, 21, 25, 38, 50, 70 μm

Reporting Standards

ISO 4406, NAS 1638
AS4059 Rev E, Table 1, 2
AS4059 Rev G, Table 1, 2
GBT 14039, GJB 420 B
GOST 17216, ISO 11218

Particle Sizing

$\pm\frac{1}{2}$ ISO code for 4, 6, 14 $\mu\text{m(c)}$
 ± 1 code for 21, 25, 38, 50, 70 $\mu\text{m(c)}$

Dimensions

Width: 470 mm (18.5")
Height: 170 mm (6.7")
Depth: 350 mm (13.8")
Weight: 10 kg (22 lbs) - Device only

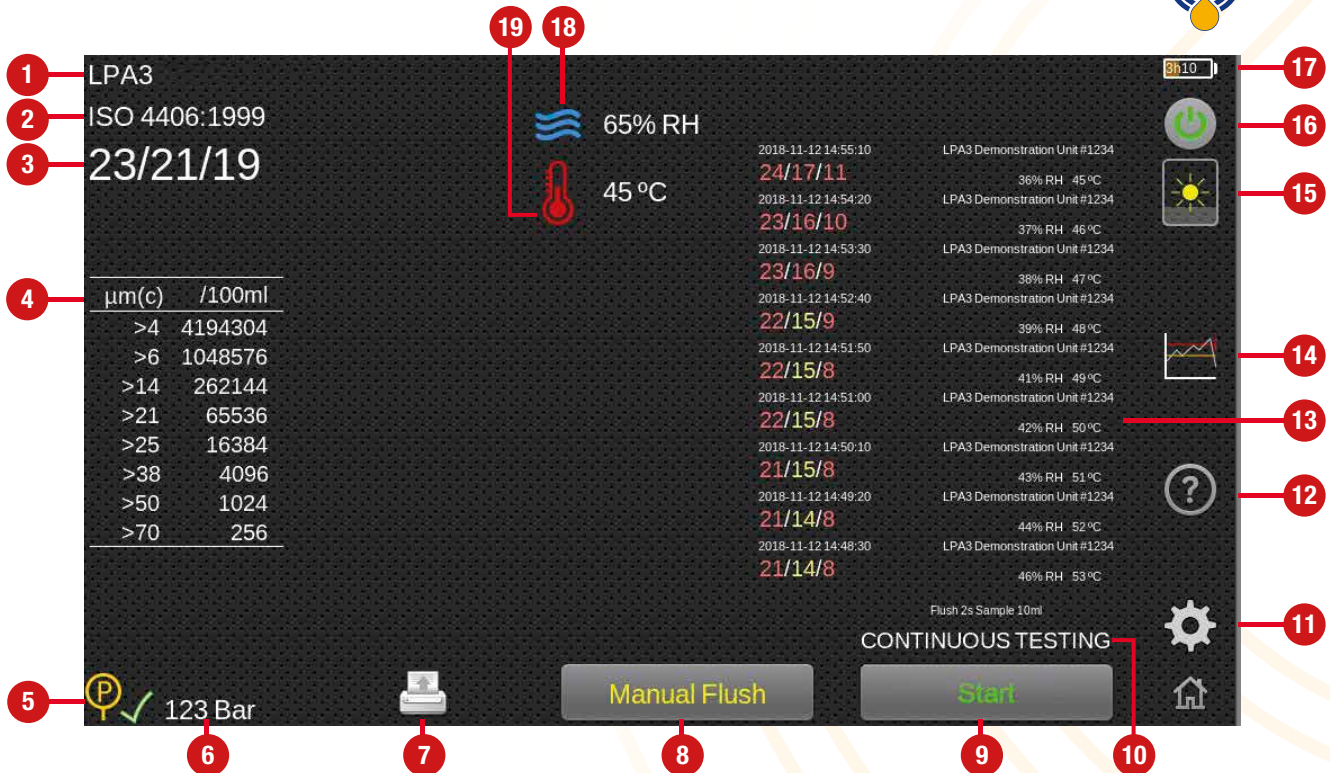
Operating Pressure

2 bar (29 PSI) to 420 bar (6091 PSI)

Data Storage

Approximately 4000 time-stamped tests in the integral memory
Full specification available in the Operator's Manual

LPA3 MAIN SCREEN INTERFACE



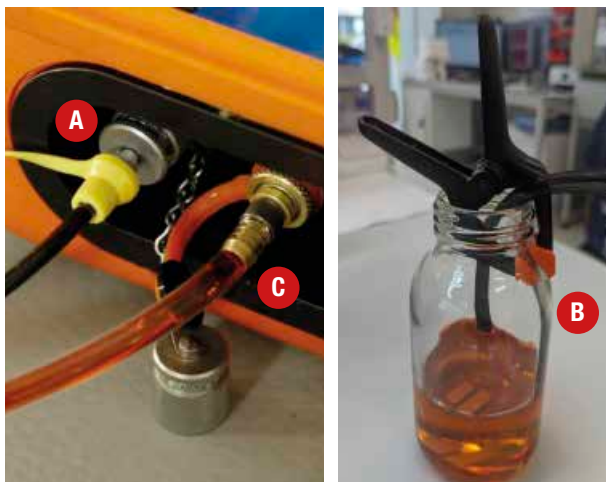
1. Test reference
2. Test format
3. Last test result
4. Detailed results viewer
5. Sufficient Pressure Icon
6. Live pressure reading
7. Printer
8. Manual flush operation button
9. Test start/stop button
10. Continuous/single test mode
11. Settings button
12. Quick-help button
13. Historical results section
14. Cleanliness level settings
15. Brightness slider
16. Home button
17. Battery charge status
18. RH result
19. Temperature result

LPA3 SETTINGS SCREEN INTERFACE



20. Test reference button
21. Result format button
22. Test type button
23. Flush time slider
24. Sample volume slider
25. Delete history button
26. Printer settings button
27. Simulation enabled button
28. Language button
29. Diagnostics
30. UTC time settings button
31. RH Test Enabled button

1 STEP



Connect the LPA3 waste outlet quick-release attachment (C) and then connect the waste hose to a waste receptacle (B)

2 STEP

Connect the hose to the LPA3 high-pressure inlet first (A) then connect to the high pressure test point on the system to be tested.

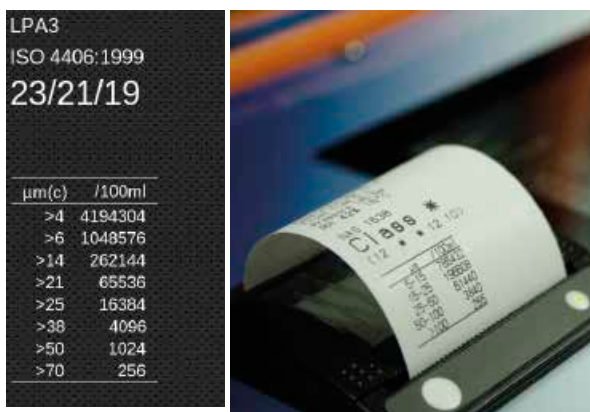
3 STEP



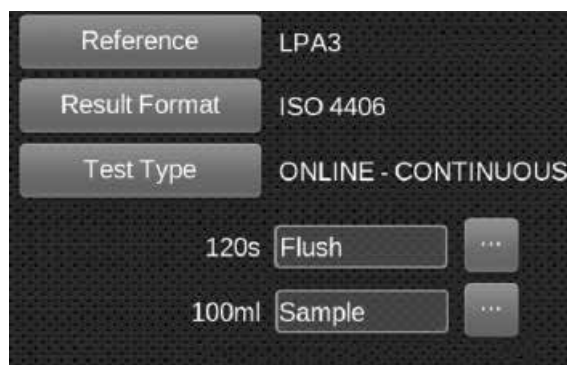
The LPA3 is now ready to take samples from pressurised systems.

To begin sampling program the unit via the settings options/screen, purge fluid using the manual flush option (if required) and then press Start to begin a test.

4 STEP

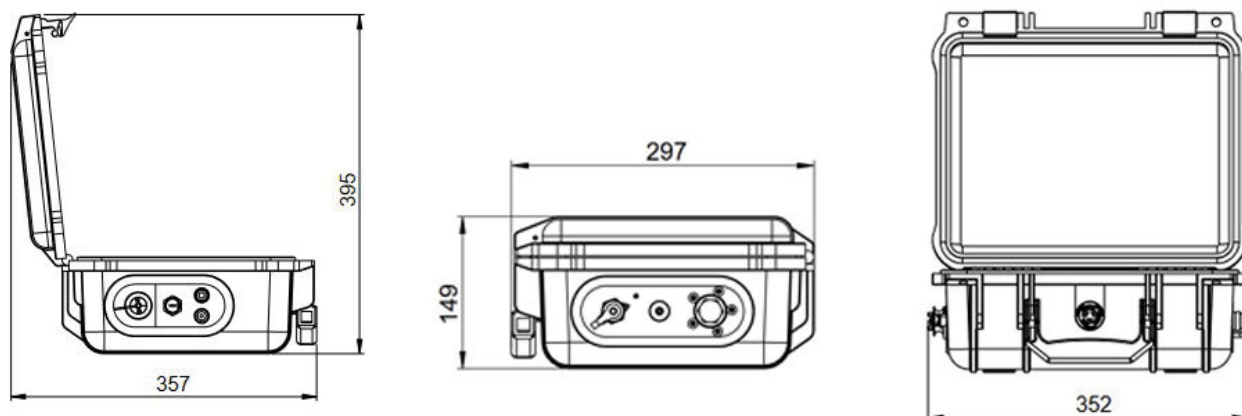


The results will appear on the main screen. You can press the printer button to get hard copy results printed out via the onboard printer.



Compatible with
CMP View

DIMENSIONS



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