

Intended use

The FLASH Base™ is a benchtop device designed for use exclusively with FLASH VetID™ test cartridges for the qualitative detection of nucleic acid targets. It authenticates each cartridge via an integrated QR code scanner to verify validity and automatically set the optimal reaction parameters, including temperature and time, for the specific test type. The device supports up to four cartridges simultaneously. It does not perform sample processing or result interpretation itself. The FLASH Base™ is intended for professional veterinary in vitro use. It is not intended for human diagnostic use.

Warnings and precautions

- Do not insert fingers or foreign objects into the reaction slots.
- Keep the device dry. Do not place liquids on or near the FLASH Base™.
- Operators must not disassemble or attempt to repair the device. Doing so will void the warranty and may result in electric shock or injury.
- Before connecting the power supply, ensure that the supply voltage matches the voltage specified for the device. Use only the supplied AC adaptor.
- Store the device in a dry, dust-free environment, away from direct sunlight, heat sources, and strong light. The storage area should be well-ventilated and free from corrosive gases or strong magnetic fields.
- If the surface of the device becomes stained, clean it gently with a soft, damp cloth. Do not use solvents, alcohol, or abrasive cleaners.

Warranty

FLASH Diagnostics Limited (FLASH) provides an 18-month warranty from the date of delivery, covering defects in materials and manufacturing. If a defect is identified within this period, FLASH will repair or replace the device at no cost. If a device is found to be defective within one month of delivery, it will be replaced free of charge. For warranty claims in this region, please contact your authorized distributor, who will coordinate the claim, including any necessary shipment to FLASH's designated repair facility. Please do not send devices directly to FLASH. For repairs outside the warranty period, service fees will apply. This warranty does not cover: damage caused by improper maintenance, handling, or storage; operation under unsuitable environmental conditions; unauthorized repairs or modifications; or damage due to accidents or misuse.

EN_v.2026.2

Technical specifications

Power Supply	15VDC, 3A, 45W
Dimensions (WxLxH)	13 cm × 11 cm × 12 cm
Weight	600g
Display	Dot matrix numeric display with status LED indicator
Operation Temperature	15°C to 30°C (59°F to 85°F)

Symbol descriptions

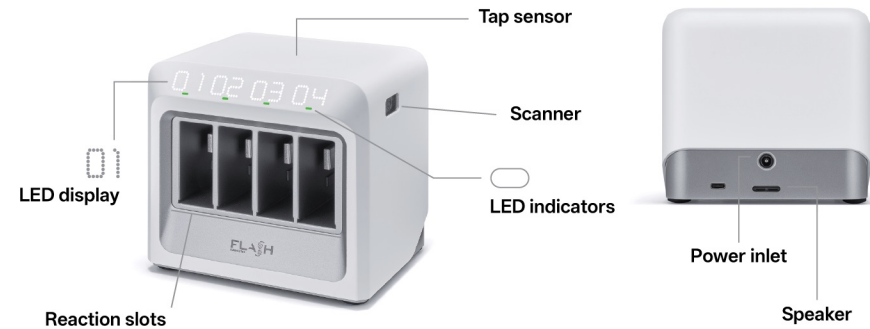
	Reference number		Consult instructions for use
	Lot number		Keep away from sunlight
	Serial number		Keep dry
	Date of manufacture		Temperature limitations
	Manufacturer		Do not dispose of with household waste
	Conformity with safety requirements of EU Directives		Direct current (DC)

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FLASH Base™
User Guide

Features of the FLASH Base™



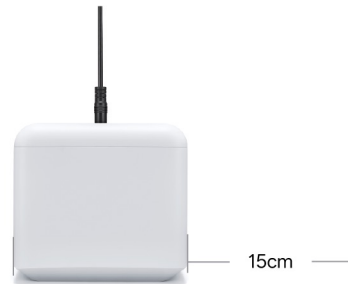
Installing the FLASH Base™

1. Place the FLASH Base™ on a flat, stable surface in a dry room, away from direct sunlight, vibration, and heat. Leave 15 cm of clearance on the right side of the device as indicated in the picture.

Note: Use the suction mat provided to secure the device to the surface if needed.

2. Plug the FLASH Base™ into a power outlet using **the AC adaptor and plug provided**. Do not use other power supplies or cables.

3. After a self-test, an animation will show on the LED display.



Running a VetID™ test

1. Tap to wake up

If idle for more than 10 min, the FLASH Base™ will enter Sleep Mode.

Tap the sensor once to wake it. All 4 LEDs will turn solid **green**.



2. Scan the test cartridge

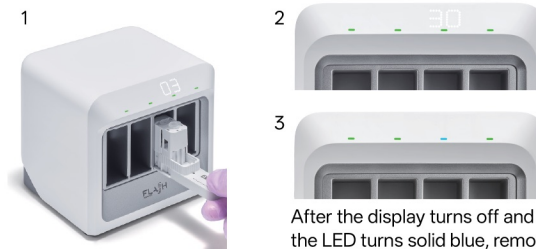
Once indicated by the FLASH VetID™ instructions, scan the QR code located at the back of the test cartridge.

The assigned slot will display its number and flash green.



3. Insert the test cartridge

Fully insert the cartridge into the assigned slot. A countdown will display and the green LED will breathe slowly while the run is in progress.



4. Start another test

To run another test, simply scan the next test cartridge and repeat the same process. You can run up to 4 tests simultaneously.



After the display turns off and the LED turns solid blue, remove the cartridge.

Operation notes



CAUTION HOT SURFACE

Do not touch the internal metal parts in the reaction slots

Timeout

If a test cartridge is not inserted within one minute of scanning, the slot will reset automatically. Simply scan the same test cartridge again.

Test Cartridge expired

If a Test Cartridge is expired, the LED display will show the message “Ed” and sound a warning tone. Double-tap the tap sensor to dismiss the alert and scan a valid Test Cartridge to continue.

Cancel before inserting

To cancel a scan before inserting a test cartridge, double-tap the tap sensor.

Wrong slot

If a cartridge is placed in a wrong slot after scanning, the test will not begin. Simply take it out and insert the cartridge into the correct reaction slot before timeout. If timeout, scan the same test cartridge again.

Early removal

If a cartridge is removed before test completion, reinsert it within 1 minute to continue the test. If not reinserted within this time, an E6 error will appear. Clear the error by double-tapping the Tap sensor and rerun the test with a **NEW** test cartridge. Do not reuse test cartridges.

Troubleshooting

If you encounter any issues or an error message appears on the display, please refer to the **FLASH Base™ troubleshooting quick guide** included in the box, or visit vetid.flashdiagnostics.com.hk for more information.