

DM-63-A

FLAME PHOTOMETER

High performance, quality and practicality in customized solutions ...

APPLICATIONS:

Hospitals, food, paper, milk and fertilizer.



PRACTICAL

HIGH PRECISION

RELIABILITY

COMPLETE READING

Reading of levels for the main parameters: Sodium (Na), Potassium (K), Lithium (Li) and Calcium (Ca).

SIMULTANEOUS RESULTS

Simultaneous readout of all parameters in a color LCD touch screen, with direct results in ppm, %, mg/L, mEq/L and mmol/L.

SECURITY

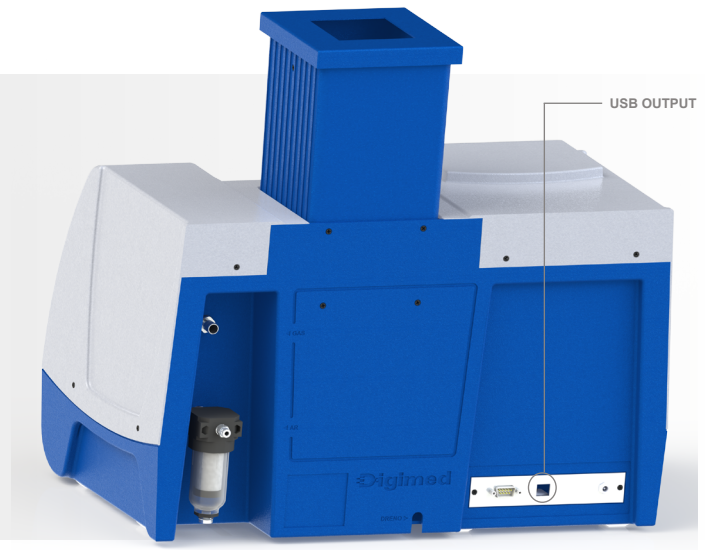
Automatic flame ignition and gas shutoff in the absence of the oxidant ensures a secure environment for tests.

RELIABILITY AND WARRANTY

Direct from factory

The meter **DM-63-A** is manufactured under "DIGIMED QUALITY ASSURANCE SYSTEM" in conformity with ISO 9001:2015 and followed by a certificate of traceable calibration.

The traceable calibration of the **DM-63-A** ensures that standardized procedures with instruments and reference materials were used in your qualification. It is an extra reliability certificate of Flame Photometers.



IMPORTANT: There are required items for product operation such as:
Air Compressor and gas point in accordance to GLP (Good Laboratory Practice)

TECHNICAL SPECIFICATIONS

Parameters	Sodium (Na) / Potassium (K) / Litium (Li) / Calcium (Ca)
Measuring Principle	Atomic Emission
Norm	Meets ABNT NBR 10422
Display	Touch Screen Display
Sodium (Na) Range	0 to 100 ppm and 0 to 200 mEq/L
Sodium (Na) Resolution	0.01 / 0.1 / 1
Sodium (Na) LD	0.04
Sodium (Na) LQ	0.08
Potassium (K) Range	0 to 100 ppm and 0 to 200 mEq/L
Potassium (K) Resolution	0.01 / 0.1 / 1
Potassium (K) LD	0.04
Potassium (K) LQ	0.07
Litium (Li) Range	0 to 100 ppm and 0 to 200 mEq/L
Litium (Li) Resolution	0.01 / 0.1 / 1
Potassium (K) LD	0.04
Potassium (K) LQ	0.08
Calcium (Ca) Range	0 to 100 ppm and 0 to 200 mEq/L
Calcium (Ca) Resolution	0.01 / 0.1 / 1
Calcium (Ca) LD	0.04
Calcium (Ca) LQ	0.08
Reponse time	8 s
Calibration Points	Up to 5
Calibration	Automatic
Digital Output	USB
Measurement unit	mg/l. ppm, %, mEq e mmol/l
Sample Consumption	5 mL/min
Fuel Supply	LPG (P Máx .0.5 kgf/cm ²)
Oxidant	Air clear from dust and oil (6 L/min in 1.5 kgf/cm ²)
Volume per analysis	2 mL

ADVANTAGES

- Simultaneous readings
- Direct reading in ppm, %, mg/L, mEq/L and mmol/L. Other readings under consult
- Nebulizer and burner in stainless steel 316.
- USB output for PC or Printer

FACILITIES

- Curve Linearization software included
- Coalescent filter with automatic purge.
- Registration and discharge of readings in "GLP" standard.
- Easy Assemble/ Disassemble of chamber and burner for maintenance.
- Automatic calibration in up to 5 points

DURABILITY AND SECURITY

- Interlocked automatic gas box
- Automatic flame shutdown
- Automatic flame ignitor

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GENERAL INFORMATION

Body material	ABS V0
Dimensions (L x W x H)	Meter: 360 x 470 x 340mm (14.17" x 18.50" x 13.38")
Operating temperature	10 up to 40°C (50 up to 104°F)
Operating humidity	85% non condensed
Power Supply	90 to 240 Vac / 50 - 60 Hz
Weight	11.05 kg

ACCESSORIES

The following items accompany the equipment, giving the complete functionality for your daily use

Standard Solution for Flame Photometer	20 ppm of Sodium, Potassium, Calcium and Litium (DM-S13-A)
Hose Kit	For Drain, Gas and Air
Gas Valve	Yes
Stainless Steel Wire	To Unclog the Catheter
User Guide in English	Yes
Universal AC Adapter	90 a 240 Vac / 50 - 60 Hz (DM-SM13-FALI-A)

CONSUMABLES AND REPLACEMENT PARTS

All the consumables and replacement parts used in Digimed's meters can be acquired separately.

Standard Solution for Flame Photometer	20 ppm of Sodium, Potassium, Calcium and Litium (DM-S13-A)
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OPTIONAL ITEMS

This list contains optional items that can be acquired separately, improving the experience with the equipment.

Calibration Solution Kit	DM-S13KC-63-A
Catheter Kit	DM-SM13-KCAT-A
Output RS232	
Data acquisition software	

CONTACT

EXPORT DEPARTMENT

For ordering, please contact your nearest official Digimed distributor

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