

4 more Labor[®]

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- **FLAME PHOTOMETER**
FP 330 1/ FP4302 / FP5303

FLAME PHOTOMETER

FP 3301/ FP4302 / FP5303

Our flame photometer series has been developed for many applications in industry and routine analysis. This method is characterized by its economy, robustness and longevity.

Our models are used for simple, precise and inexpensive concentration determination of alkali and alkaline earth elements in aqueous samples. The elements K, Na, Li, Ca and Ba are measured in parallel.

Intuitive operation is via the 7-inch colour touch panel. The samples and standards are presented via the suction unit or allocated via an external sampler (optional). Calibration is performed using standard solutions.

The units are operated with propane gas and compressed air. All our models have a USB port.

SENSITIVE 7-INCH COLOR TOUCH SCREEN WITH DIRECT CONCENTRATION DISPLAY

- You can read the concentration directly on the 7-inch colour touch screen
- Microprocessor controlled
- Professional menu design offers users simple and intuitive user guidance

AUTOMATIC CALCULATION OF THE CORRELATION COEFFICIENT

- The correlation coefficient is the r value, it indicates the slope of the standard curve

PRESELECTION OF FLAME SIZE

- The flame size can be adjusted by a micro-valve, so that it is no longer necessary to fine-tune the valve during re-ignition

FLAME OUT PROTECTION DEVICE

- If the flame is accidentally extinguished, the flame arrester shuts off the gas supply to ensure that no gas escapes

CHANGE IN MEASURING RANGE

- There are three options for setting sensitivity: "high, medium and low"

CONCENTRATION RANGE SELECTABLE

- Concentration units are selectable between mmol / L, mg / 100 ml and ug / ml.

MULTILINGUAL USER INTERFACE

- Multilingual interface, including English, Spanish and Turkish

MULTICHANNEL DETECTION

- With multi-channel detection, it is not necessary to replace the filter to detect different elements

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