

pH Meters

Bench pH Meters, LAQUA F-series

Horiba

High specification range of benchtop pH/mV or ion meters for routine laboratory measurements.

◆ Choice of models:

- F-71: single channel pH/ORP meter with large, backlit monochrome, custom LCD, 999 reading memory and membrane keypad operation
- F-72: single channel pH/ORP/Ion meter with touchscreen operation, digital graphical or analogue display output selectable, colour LCD readout, analogue USB printer/PC and flash memory external outputs, 2000 reading memory and easy menu navigation. Multi-language display in Japanese, English, Chinese and Korean
- F-73: generally as F-72 but with two channel inputs allowing two readings or separate tests to be run and displayed simultaneously

◆ Simultaneous reading and temperature display

| Catalogue No. | PJ290-10 | PJ290-15 | PJ290-25 | |
|---------------------|-----------------------------------|--|---|------------------------------|
| Model | F-71 | F-72 | F-73 | |
| Parameters | Channel 1 Channel 2 | pH, ORP — | pH, ORP, Ion — | pH, ORP, Ion pH, ORP, Ion |
| Ranges (resolution) | pH mV (ORP) Ion conc. °C | 0 to 14.000 (0.001) -1999.9 to +1999.9 (0.1) — all models — 0 to 100 (0.1) — all models | 0 to 14.000 (0.01/0.001) — both models 0.00mg/l to 999g/l (3 digits) — both models | — both models |
| Accuracy | pH mV (ORP) Ion conc. °C | ±0.005 ±1 digit ±0.1 ±1 digit — all models — ±0.1 ±1 digit — all models | ±0.001 ±1 digit ±0.5% ±1 digit of full scale — both models | ±0.005 ±1 digit |
| Temp. compensation | °C | 0 to 100.0 — all models | | |
| Autocalibration | pH Ion conc. | 1 point — | up to 5 point — both models up to 5 point — both models | |
| Outputs | | USB, RS232 printer | Analogue output, USB and RS232 printer/PC, USB flash drive memory expansion ports — both models | |
| Memory | | 999 readings | 2000 readings — both models | |
| Overall | W x D x H mm | 170 x 174 x 73 — all models | | |
| Weight | kg | 0.5 | 0.7 — both models | |

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As described. Supplied with swing-arm probe holder, stand and a.c. adapter for 100-240V 50/60Hz single phase supplies. Without probes.

- PJ290-10 F-71
- PJ290-15 F-72
- PJ290-25 F-73

Accessories

- PJ294-08 3-in-1 pH electrode, plastic bodied, waterproof

Tough electrodes

Robustly constructed, toughened glass, 3-in-1 electrodes with rapid response membrane and increased stability reference system. Waterproof.

| | Sample type | Operating range, °C | L x dia. mm |
|----------|-----------------|---------------------|-------------|
| PJ294-12 | General purpose | 0 to 100 | 115 x 23 |
| PJ294-16 | High viscosity | 0 to 60 | 120 x 8 |
| PJ294-22 | Micro, >50 l | 0 to 60 | 102 x 3 |
| PJ294-24 | Deep | 0 to 100 | 200 x 7 |

- CU662-81 USB cable to connect meter to the user's PC
- CU662-83 Impact printer, 230V 50/60Hz. Requires CU662-89 for connection to meter
- CU662-86 Printer paper rolls, pack of 20
- CU662-88 Ink ribbons, pack of 5
- CU662-89 Printer cable to connect CU662-83 to meters. 1.5m long



PJ290 with PJ294-08