

# Water Testing

## Multiparameter Meters, SevenGo Duo Pro™

### METTLER TOLEDO

Portable, robust, dual-channel meters with high functionality and accuracy.

- ◆ Choice of models:
  - SG68: pH, mV, relative mV, ion concentration, dissolved oxygen
  - SG78: pH, mV, relative mV, conductivity
- ◆ Twin-line, alphanumeric display of separate channel parameters and temperature
- ◆ Intelligent sensor management (ISM) stores information in a data chip on-board the probe, including calibrations (factory, current and up to last five historical), probe I.D. and measurement temperature for recall by the meter
- ◆ IP67 protected housing, with or without probes attached
- ◆ Data storage for 500 GLP date records with infra-red communication port
- ◆ 5-point pH calibration with a choice of 7 pre-defined and one user-defined buffer sets, manual or automatic temperature control
- ◆ High or low limit value display alarms with with audible signal selectable
- ◆ Separate PIN protection functions for key settings and data deletion
- ◆ Large, backlit LCD readout with user prompts and choice of 10 languages, probe condition indicator and user I.D.

Model	SG68	SG78
Ranges x resolution, accuracy		
pH	-2.00 to 19.999 x 0.001, ±0.002 — both models	
mV (rel. mV)	-1999.9 to +1999.9 x 0.1, ±0.1 — both models	
ions (units)	0 to 999.9%, ±0.5%	—
mg/l, mmd/l	9 to +9999ppm	—
mol/l	1.00E <sup>-9</sup> to 9.9E <sup>+9</sup>	—
Oxygen (mg/l, ppm), %	0.00 to 99.00 x 0.01, ±0.5 (max.)	
Oxygen saturation, %	0.0 to 600.0 x 0.1 to 1, ±0.5	
Barometric pressure, mbar	500 to 11000 x 1, ±1	
Conductivity	—	0.01µS to 1000mS x 0.1, ±0.5%
TDS	—	0.1mg/l to 600g/l x 0.01 to 1, ±0.5%
Salinity, ppt	—	0.00 to 80.00
Specific resistance MΩcm <sup>-1</sup>	—	0.00 to 100.00
Temperature (ATC) °C	-5 to +105.00 x 0.1, ±0.2 — both models	
(MTC) °C	-30 to +130.00 x 0.1, ±0.2 — both models	
Power supply	4 x 1.5V AA batteries — both models	
Overall, H x W x D	mm	220 x 90 x 45 — both models
Weight	g	368 — both models



As described. Supplied as a kit with IP67 probes, wrist strap, instructions, test certificate, declaration of conformity and batteries. Alternatively available as a field kit additionally offering a choice of cable length and containing a field case, rubber meter protection holster, probe clips, 2 x pH4.00 and pH7.00 buffer sachets, calibration bottles (and 2 x 1413µS/cm and 12.88mS/cm sachets - SG78 only).

- WR655-10** SG68-ELK, standard kit, 1.8m cables
- WR655-20** SG68-FK2, field kit, 1.8m cables
- WR655-30** SG68-FK5, field kit, 5m cables
- WR655-40** SG78-ELK, standard kit, 1.8m cables
- WR655-50** SG78-FK2, field kit, 1.8m cables
- WR655-60** SG78-FK5, field kit, 5m cables

#### Accessories and spares

- WR658-05** Inlab ExpertPro-ISM pH electrode with 1.8m cable
  - WR658-09** Inlab ExpertPro-ISM pH electrode with 5m\* cable
  - WR658-11** Inlab 738-ISM conductivity probe with 1.8m cable
  - WR658-14** Inlab 738-ISM conductivity probe with 5m\* cable
  - WR658-17** Inlab 605-ISM DO<sub>2</sub> sensor probe with 1.8m cable
  - WR658-21** Inlab 605-ISM DO<sub>2</sub> sensor probe with 5m\* cable
  - WR658-23** Membrane kit for DO<sub>2</sub> probes, with 25ml electrolyte and 3 membranes
  - WR658-26** DO<sub>2</sub> electrolyte, 25ml
  - WR658-35** Infra-red download cable with USB adapter (requires WR658-39)
  - WR658-39** LabX® -data transfer software for use with the users' Windows™ OS computer
  - BL610-15** Spare battery, 1.5V (4 required)
- \*10m length cable versions are available - details on request.

WR655



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