

# 3540

## Bench Combined Conductivity(EC)/pH Meter

The 3540 is ideal for use in all laboratories where pH and conductivity(EC) analyses are required. The setup menu gives quick and easy access to the whole range of instrument, pH and conductivity measurement options. Calibration of both channels is automatic, with the option to select 1, 2 or 3 calibration points. The pH channel can also display mV values if required.

### Technical Specification

#### pH

Range	-2.000 to 20.000
Resolution	0.001/0.01/0.1
Accuracy	±0.003

#### mV

Range	±1999.9mV
Resolution	0.1mV
Accuracy	±0.2mV

#### Conductivity(EC)

Range	Auto-selected from 0.01µS to 1.999S
Resolution	0.01µS to 1mS
Accuracy	±0.5% ±2 digits

#### Temperature

Range	-10 to 105°C
Resolution	0.1°C
Accuracy	±0.5°C
ATC and manual	0 to 100°C
Temperature coefficient	0.00 to 4.00%/°C
Reference temperature	18, 20 or 25°C
GLP	Calibration reminder interval, operator and sample ID and security coded setup
Outputs	Analogue, RS232 and IrDA interface
Connectors	BNC (pH) and 7-pin DIN (conductivity)
Power	9V AC ±10% @ 50/60Hz
Size (l x w x d), mm	210 x 250 x 55
Weight, g	850

### Key Features

- Simultaneous display of pH and conductivity(EC)
- 2 independent channels to prevent interference between probes
- Additional modes for resistivity, salinity, TDS and mV
- Data logger with auto save/print options
- Storage of up to 500 readings (250 for each mode)



**3540**

Part code: 354 201  
Part Code: 354 201S



### Ordering Information

Part Code	Description
354 201	for standard measurements of general solutions 3540 conductivity(EC)/pH meter supplied with glass combination pH electrode (924 005), glass conductivity(EC) probe with ATC (K=1, 027 013), electrode stand and holder (903 300), ATC probe (027 500), BNC shorting plug, pH 4-7-10 buffer tablets and European 230V power supply (021 031)
354 201S	for measurement of soil and slurry samples Same but supplied with 12mm stem, toughened spear ended combination pH electrode (924 002) and Sentek epoxy conductivity(EC) probe with ATC (K=1, 220-761)



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