

BUILT-IN BLUETOOTH pH ELECTRODES

BUILT-IN
BLUETOOTH

- Suitable for water quality testing, sewage treatment, food and cosmetic testing
- Standard android software that can read electrode parameters
- Automatic temperature compensation
- Multiple parameters can be measured simultaneously
- Test records can be exported
- Low voltage alarm
- Built-in Bluetooth with a 10m transmission range (under unobstructed and interference-free conditions)
- Automatic power off



0437-HB31

software (included), only available on Android

Two screenshots of an Android app for pH measurement. The left screenshot shows a 'Device List' with one device connected: '0437-HB31' with a reading of '7.0' and a 'Single' measurement type. Below it, a '25.0 °C AUTO' setting is shown. A dashed box highlights the connection icon, with a red line pointing to the text 'supports connection of up to 9 units simultaneously'. The right screenshot shows 'Device Details' for '0437-HB31'. It displays the reading '7.0', the reading stability indicator (green 'READY'), the temperature '25.0 °C AUTO', and a 'Single' measurement type. Below this is a 'trend graph' showing a line with data points from 0 to 18. A red line points to this graph with the label 'trend graph'. At the bottom, there are buttons for 'START', 'Data', 'Connected', and 'Delete electrode'. A red line points to the 'Data' button with the label 'data acquisition'. Another red line points to the 'Connected' button with the label 'data storage'. A third red line points to the 'Delete electrode' button with the label 'delete electrode'. A red line also points to the 'Connected' button with the label 'connect the electrode'.

SPECIFICATION

Code	0437-HB31	0437-HB32
Material	plastic	glass
Suitable applications	conventional water, weak acids, weak alkalis	strong acids, strong alkalis
pH	measuring range	0.00~14.00pH
	resolution	0.01pH
	accuracy	±0.02pH
	calibration mode	1~5 points
Temperature	measuring range	0~99.9°C
	resolution	0.1°C
	accuracy	±0.5°C
	compensation range	0~99.9°C
Calibration point	NIST (4.01, 6.86, 9.18) USA (4.00, 7.00, 10.01)	
Data storage	manual, automatic	
Power supply	rechargeable button battery (LIR2032 battery×1)	
Dimension (L×W×H)	210×25×25mm	
Net Weight	60g	

STANDARD DELIVERY

Main unit	1 pc
Standard solution	3 bottles (USA)
LIR2032 battery	2 pcs
USB cable	1 pc
Charger	1 pc