

# Glass pH probes

## For Big Kahuna and Junior

This arm element consists of four glass pH probes and is designed for high-throughput pH measurements on biologic samples and buffers.

The four glass probes are housed inside a protective cage to reduce risk of breakage during operation. All probes can measure pH in parallel at a fixed 27 mm pitch (every 4th well in a 96-well plate). A single probe is extendable to enable one at a time pH measurement for other formats.



### Specifications

#### Multi channel pH probes – glass probes (PN: AS00349)

Description	Specification
Probe sensing tip diameter	3 mm
Measurement time per sample	~30 s
Measurement time per 96-well plate	<45 min
pH range	0–14 pH units
Resolution	0.01 pH units
Accuracy at pH 4, 7, 10	±0.03 pH units*
Precision at pH 4, 7, 10	±0.05 pH units*
Operational temperature range	5–50 °C
Minimum sample volume	4.5 mm depth of immersion
Pitch	Fixed 27 mm pitch, with one extendable probe

\*Value varies with specific buffer system