



## GS+7NH3-100

**Product code:** GS+7NH3-100

**Manufacturer:** DD Scientific

Electrochemical cell for ammonia. Ideally for industrial application, in particular for fixed gas detectors.

Range 0 - 100 ppm

Typical Baseline Range (pure air)  $\pm 1$  ppm NH<sub>3</sub> equivalent

Output Signal  $115 \pm 45$  nA/ppm

Linearity Linear

Response Time, T<sub>90</sub> < 40 s

Maximum Overload 200 ppm

Long-term Output Drift < 20% per annum

Recommended Load Resistor 10 ohms

Repeatability  $\pm 10\%$

<b>Life expectancy</b>	> 24 months
<b>Measurement range</b>	0-100 ppm
<b>Target Gas</b>	Ammonia
<b>Response Time</b>	< 40 seconds (T <sub>90</sub> )
<b>Output</b>	$115 \pm 45$ nA/ppm