

# AM1 Alcohol Analyser

**Analox**  
INSTRUMENTS







Analox Analysers offer unparalleled analytical performance and versatility to assist biotech, pharma and medical researchers.

The AM1 is used in a variety of research applications requiring effective alcohol measurement including alcoholism research, cell cultures and fermentation analyses in beverage production

The reliable, reproducible solution to streamline your research.



## Key Analyser Features

 <b>Analytical Performance</b>	 <b>Versatile</b>	 <b>Low Operating Costs</b>	 <b>Classic, Compact Design</b>	 <b>Fast Operation</b>	 <b>Easy Maintenance</b>
<p><b>Exceptional:</b></p> <ul style="list-style-type: none"><li>• Accuracy (compared with other popular instruments)</li><li>• Linearity</li><li>• Precision</li></ul>	<ul style="list-style-type: none"><li>• Accepts plasma, serum, other aqueous solutions and whole blood</li><li>• Can be used with extremely small sample sizes (from 2.5-10ul)</li></ul>	<ul style="list-style-type: none"><li>• Minimal reagent consumable consumption</li></ul>	<ul style="list-style-type: none"><li>• 23cm x 29cm x 15cm</li><li>• 32 character backlit LCD screen</li></ul>	<ul style="list-style-type: none"><li>• Simple "Yes/No" operation</li><li>• Printed results in under 25 seconds</li><li>• Easily output data to an external database</li></ul>	<ul style="list-style-type: none"><li>• Fully sterilisable fluid pathways</li><li>• Easily change the electrode membrane, calibrate and change printer paper</li></ul>

## Application Areas

Area	Example Topics
<b>Alcoholism Research</b>	Effects of prolonged alcohol use and bingeing Ethanol induced impairment Neurotoxicity induced by ethanol withdrawal Impact of alcohol use on cognitive development Fetal alcohol syndrome
<b>Cell Cultures</b>	Tissue toxicity induced by ethanol Effects of ethanol on cell death Effects of ethanol metabolism on hepatocyte viability
<b>Fermentations</b>	Monitoring product changes in food and beverage production including beers and wines Biorefining strategy development for fermentative production
<b>Alcohol Effluent Measurement</b>	Measuring regional alcohol consumption by analysis of waste water

We also offer a range of highly effective reagents, kits and standards developed for use with the AM1

## Reagents, Kits & Standards

Order Code	Description
GMRD-113	Alcohol Reagent Kit, 70 cycles reagent only
GMRD-113J	Alcohol Reagent Kit, 8 x 70 cycles reagent only
GMRD-110(050)	Ethanol Standards, 50mg/dl 4 x 1ml
GMRD-110(100)	Ethanol Standards 100mg/dl 4 x 1ml
GMRD-110(200)	Ethanol Standards, 200mg/dl, 4 x 1ml
GMRD-110(300)	Ethanol Standards, 300mg/dl 4 x 1ml
GMRD-092C	Alcohol quality control, 4 x 0.5ml

You can view the full list of Analox AM1 citations at [analox.com/am1citations/](http://analox.com/am1citations/)

### Our Customers Say...

**Anna Radke, Assistant Professor of Neuroscience, Miami University, on our alcohol analyser:**

*"The AM1 is straightforward to use and can thus produce reliable, consistent results among multiple users. Technical support is also responsive and helpful."*