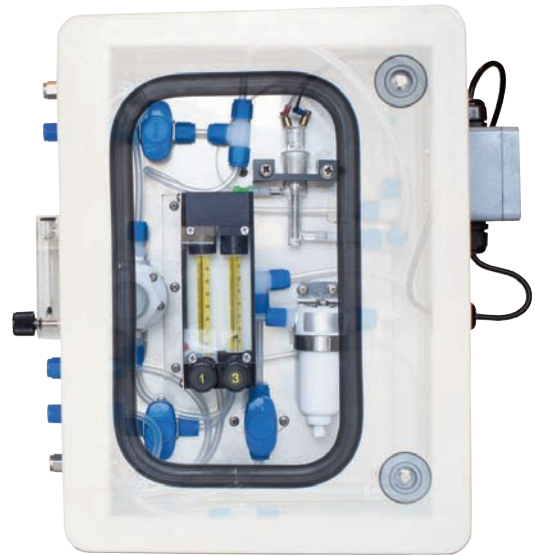


## Accurate and reliable, on-line trace moisture analyser for Chlorine, Hydrogen Chloride and other corrosive gases in safe or hazardous area locations

This sample system works in conjunction with our range of MM500 analysers for moisture measurement in corrosive gases.



### Features & Benefits

- Autoranging from 0.01ppm to 1000ppm
- No calibration required
- RS232/485 outputs
- Inert gas purge
- ppmv, Dewpoint °C and °F units
- Fault alarm
- Sample system IP65/Nema 4
- Corrosion resistant materials throughout

Designed specifically for corrosive gases, the MM500 Sample System allows safe, accurate and reliable analysis of moisture in corrosive gas mixtures.

The MM500 Moisture Analysers represent the latest advance in moisture analysis – designed to be customised to your application giving precise measurements while providing a simple, yet affordable analyser.

All instruments in the range incorporate microprocessor control, with our high quality electrolytic moisture sensor, to bring flexibility to your process environment.

These analysers provide an absolute measurement, with accurate dependable results over a wide range from 0.01ppm to 1000ppm. Unit of measurement can be selected from ppmv or dew point (°C or °F).

Sample wetted parts are made from corrosion resistant materials throughout. All non-wetted brackets and materials are stainless steel.

Simply select the instrument configuration and sensor location and let the analyser do the rest.

## MM500 Moisture Analysers



**MM500 Sample System**  
IP65/Nema 4

### MM513

Bench/Panel Mount  
190H x 237W x 410D (mm)  
7.9kg

### MM523

IP66/NEMA 4X  
Wall Mount/Weatherproof  
404H x 328W x 180D (mm)  
13.1kg

### MM533

Rack Mount 4U - 19 inch  
Houses 1 or 2 analysers  
178H x 484W x 410D (mm)  
9.7kg (single unit)

## Technical Specifications

Measurement Ranges	Autoranging from 0.01ppm to 1000ppm and equivalent in Dew Point Other ranges are available with limited accuracy, please consult factory
Accuracy	±5% of reading or 0.4 ppm(v)
Response Time	90% within 60 seconds
Selectable Units	ppm(v) / Dew Point °C / Dew Point °F
Display Type	5 digit high visibility LED
Operating Conditions	Sample and ambient temperature: 0–40°C (32–104°F)
Sample Connections	1/4 in. OD
Maximum Sample Pressure	0.7 – 8.3 Barg
Sample Flow	100 cc/min -controlled
Power Requirements	115/230 VAC, 50/60 Hz
Acceptable Gases	Chlorine/HCl and other corrosive gases

### Options

Analogue Outputs	Scaleable 0 - 10V, 0 - 100mV and 4 - 20mA or 0 - 20mA all isolated
High / Low Alarms	2 voltage free with changeover contacts rated 240V 3A
19" Rack Mount	Can be combined with many of our other products in a 19" rack mount configuration

Systech Illinois have over 30 years experience of providing analysis solutions for a wide range of industries. From our manufacturing plants in the UK and U.S. we produce gas analysers for industrial process industries, headspace analysers for monitoring gas flushing of food products, and our range of permeation analysers.

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