

# Complete Range of Instruments for Agriculture



Simple-to-use and low cost Dissolved Oxygen Meter with Polarographic D.O. probe • Automatic Temperature Compensation • Manual 1 or 2 point ( zero & slope ) • Low battery Indicator

## SM600 Dissolved Oxygen Meter with Automatic Temperature Compensation



Dissolved Oxygen measurements are very important in efficiently maintaining fish farms and ponds, where oxygen levels have to be continuously monitored both to attain optimal reproduction and prevent high mortality caused by low oxygen. The SM600 has Automatic temperature compensation for assured accuracy. One or Two point manual calibration with a range of 0.0 to 19.9 parts per million dissolved oxygen per L.

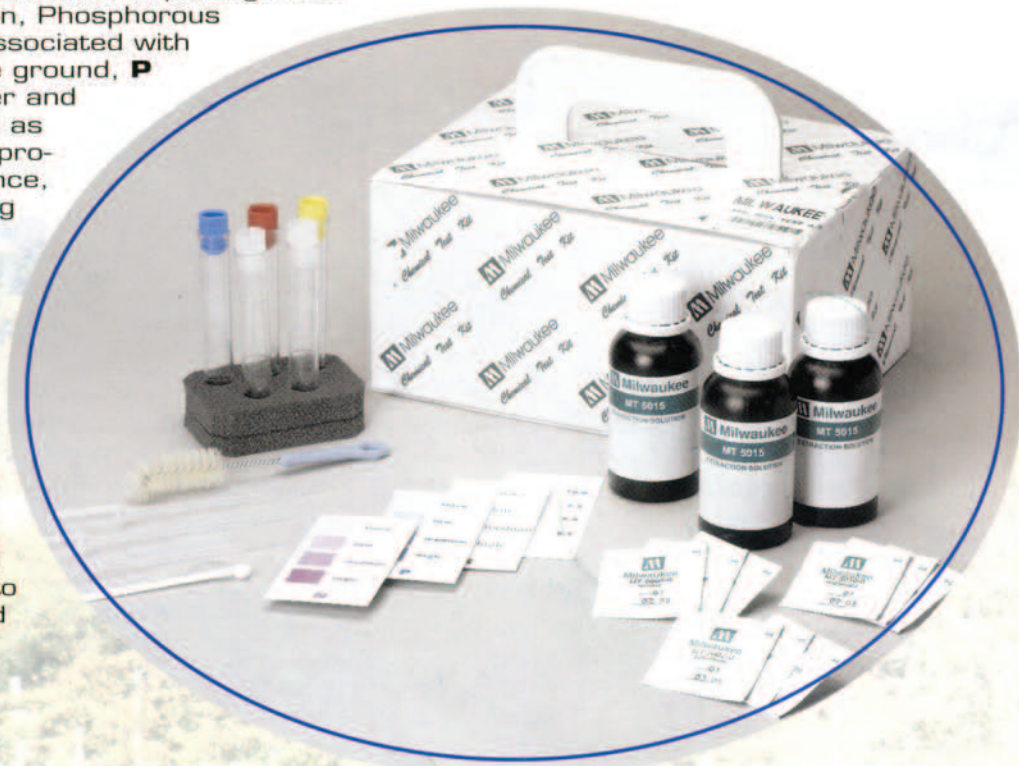
The SM600 is supplied complete with a MA840 probe, 2 spare membranes, 20ml bottle of electrolyte solution, calibration screw-driver and 9V battery.

	SM600 Specifications
Range	0.0 to 19.9 ppm
Resolution	0.1 ppm
Accuracy	± 1.5% full scale
Calibration	Automatic 1 or 2 points
Temp. Comp.	Automatic 0 - 30°C
Battery Life	100 hours
Environment	0 to 50°C/95% RH max
Dimensions	80 x 145 x 35 mm

## NPK Soil test Kit

The primary nutrients essential to plant growth and quality are Nitrogen, Phosphorous and potassium. **N** is associated with plant growth above the ground, **P** is responsible for flower and fruit production as well as overall plant health. **K** promotes disease resistance, water intake and strong root growth.

This Kit provides accurate and professional tests and includes 25 sachets reagents of Nitrogen (MT5009), Phosphorous (MT5010) and Potassium (MT5002), 3 x 100 mL bottles of extraction solution and 5 plastic test tubes. All results are compared to standards on laminated colour charts.



Authorised Distributor:

 **Milwaukee**

# Smart Portables

Low cost portable meters with no frills • Why pay for bells and whistles you don't need?  
Each meter is supplied with an electrode, a 9V battery and a 20ml sachet of calibration solution



## SM101 pH Meter with 2 Point Manual Calibration

This SM101 pH Meter provides instant readings of one of the most important factors in efficient plant production; soil and well water pH. Soil and well water pH that is too acidic or alkaline can have an adverse effect on plant nutrient and water uptake and directly effect the efficiency of fertilizer, herbicides and pesticides.

SM101 Specifications	
Range	0.00 to 14.00 pH
Resolution	0.01 pH
Accuracy	± 0.02 pH
Calibration	Manual 2 points
Battery/Life	1 x 9V/300 hours
Environment	0 to 50°C/95% RH max
Dimensions	80 x 145 x 35 mm



## SM302 Conductivity Meter with Automatic Temperature Compensation

Soil conductivity is checked before fertilizer application to pinpoint field needs and after fertilization to establish its effectiveness. The testing of EC provides all agricultural operation with a method to optimize chemical applications and minimize operational cost.

SM302 Specifications	
Range	0.0 to 10.0 mS/cm
Resolution	0.1 mS/cm
Accuracy	± 2% full scale
Calibration	Manual 1 point
Battery/Life	1 x 9V/300 hours
Environment	0 to 50°C/95% RH max
Dimensions	80 x 145 x 35 mm

## IP67 Waterproof testers

Replaceable electrode • Manual calibration • Double junction pH electrode  
The instruments are especially designed for heavy duty applications, such as Soil Testing.



	pH51 Tester Specifications	C66 Conductivity Tester Specifications
Range	0.0 - 14.0 pH	0.00 - 10.00 mS/cm
Resolution	0.1 pH	0.01 mS/cm
Accuracy	± 0.1 pH	± 2% Full scale
Calibration	Manual 2 points	Manual 1 point
Electrode	Replaceable MA73600	Replaceable MA73076
Temp. Compensation:	N/A	Automatic 0 to 50°C
Battery Life	1500 hours of continuous use	250 hours of continuous use
Battery type	3 x 1.5V	
Environment	0 to 50°C; 100% RH	



Milwaukee manufactures user friendly quality products designed for the full range of Agricultural application. Our instruments are used all over the world by professional Precision Ag Farmers, Greenhouses, Landscapers, Golf Courses, Horticultural Operations, Hydroponics, Fish Farms, Pond Management and even hobbyist. With Milwaukee products, you will get faster, knowledgeable service and the highest quality of meters available at competitive prices.

## AG900 Kit for pH, EC and TDS General Nutrient Testing

The AG900 Kit includes the Smart SM802 combination meter providing instant readings of the most important factors in efficient crop production: soil and well water pH and Conductivity (EC) which is measurement of soil general nutrient levels. Soil and well water pH that is too acidic or alkaline can have an adverse effect on plant nutrient and water uptake and directly effect the efficiency of fertilizer, herbicides and pesticides. Soil conductivity is checked before fertilizer application to pinpoint field needs and after fertilization to establish its effectiveness. The combination of field testing pH and EC provides any agricultural operation with a method to optimize chemical applications and minimize operational cost. The AG900 kit also includes, calibration solution, a comprehensive 11 page Operational and Testing manual as well as a protective carrying case.



	SM802 Specifications
Range	0.00 to 14.00 pH 0.00 to 6.00 mS/cm 0 to 4000 ppm
Resolution	0.10 pH 0.01 mS/cm 10 ppm
Accuracy	± 0.20 pH ± 2% full scale ± 2% full scale
Calibration	Manual 1 point
Temp. Compensation	Automatic from 0 to 50°C
Electrode	MA850 combination pH/ conductivity/TDS
Environment	0 to 50°C/95% RH max
Battery/Life	9V/150 hours
Dimensions	185 x 82 x 45 mm



## MR32 Refractometer

Within a given species of plant, the crop with a higher refractive index will have a higher sugar content, higher mineral content and a higher protein content.

This adds up to a sweeter tasting, more minerally nutritious food with a lower nitrate and water content and better storage characteristics.

As a broad generalisation, produce over 12 Brix is considered good because crops above this value are usually not bothered by insects or diseases.

	MR32 Specifications
Range	0 - 32% Brix
Resolution	0.1%
ATC	Versions Available