EMIN Vietnam Joint Stock Company
Environmental Meter - Laboratory Equipment

TESTING AND MEASURING EVERYTHING

2018
EMIN Vietnam joint stock company is the leading company in direct importing and distributing Testing equipments, Automation equipments, Laboratory equipments, Handheld Tools..... With variety models, the best price come with flexible payment policy and good after-sell services. We do believe you will be served and be guidanced with all the best.

Mission

Our mission is to work closely with the manufacturer, the leading provider in Vietnam and the world to provide high-quality equipment and the cheapest prices for customers as individuals and organizations domestic and foreign.

We are committed to becoming a reliable partner not only for enterprises with 100% foreign investment, multinational companies, local businesses, the Corporation, the Corporation, the projects with international funding, the joint-stock companies, limited liability companies, etc ... but also with businesses in the private sector, mainly small and medium enterprises.

Vision

The development objective of EMIN company will become a distributor of industrial equipment, instrumentation, automation, hand tools, ... leading in Vietnam in order to meet most of the needs of the enterprises in Vietnam’s economy.

The following business perspective were employees of JSC EMIN Vietnam understood, and imbued with absolute compliance with:

- No selling substandard, counterfeit and pirated goods, goods of unknown origin ...
- Always provide our customers the best products with the most competitive price comes with a perfect service.
- Always place the top prestige, not for profit, but fraudulent, deceptive customers ...
- Always put yourself in the place of the customer to take the decision, most likely to behave ...
- Always satisfy every customer to EMIN.
- Environmental Meter indoors and outdoors
- Water Analyzers ...
- Moisture meter in agriculture
- Veterinary Equipment
1.1. Environmental and Liquid Meter

**Data Logger Electronic**

**Model: TM500**
12-Channel temperature datalogging with 6 Thermocouple types (J, K, E, T, R, S) Simultaneously displays CH1 to CH8 or CH9 to CH12 Offset adjustment used for zero function or to make relative measurements Memory stores 99 readings manually Datalogging feature records readings with date and time stamp on an SD card (included) in Excel® format

**Environment Humidity - Temperature - Pressure meter, Data Logger**

**Model: SD700**
Barometric Pressure: 10 to 1100 hPa; 7.5 to 825.0 mmHg; 0.29 to 3248 inHg Resolution: 0.1 hPa, 0.1mmHg, 0.01InHg Temperature: 32 to 122°F (0 to 50°C) Resolution/Basic Accuracy: ±0.1°F(°C) / ±1.5°F (0.8°C)
Relative Humidity: 10 to 90%RH Resolution/Basic Accuracy: 0.1% / ±(4% of rdg + 1% RH) Datalogging: 20M data using 2G SD card Dimensions: 5.2 x 3.1 x 1.3" (132 x 80 x 32mm)

**Data Logger Electronic**

**Model: RH520A - 220**
Records up to 49,000 data points Relative Humidity Range: 10.0 to 95.0% Accuracy: ±3%
Temperature Range: -20.0 to 140.0°F (-28.0 to 60.0°C) Relative Humidity: ±1.8°F/±1°C
**Pressure Meters**

**Model: HD350**
- Simultaneous display of Pressure, Air Velocity or Air Flow plus Temperature
- ±0.7252psig range
- 5 selectable units of pressure measurement
- Max/Min/Avg recording and Relative time stamp
- Data Hold and Auto power off functions
- Large LCD display with backlighting, USB port
- Zero function for offset correction or measurement
- Store/Recall up to 99 readings in each mode

**Light Meters**

**Model: EA30**
- Compact and rugged design
- Widest range to 40,000Fc / 400,00Lux is ideal for outdoor applications
- Large display with bargraph, Relative function for zero or difference from reference value
- Peak function captures short light pulse, Data Hold and Min/Max readings
- Auto power off, Zero function

**Anemometer**

**Model: SDL300**
- Metal Vane withstands temperatures to 150°F (70°C) and air velocity to 6900ft/min
- Datalogger date/time stamps and stores readings on an SD card in Excel® format for easy transfer to a PC
- Adjustable data sampling rate: 1 to 3600 seconds
- Stores 99 readings manually and 20M readings via 2G SD card
Sound Level Meter

- Model: 14
  + Low: 35dB(A) to 130dB(A)
  + High: 65dB(A) to 130dB(A)
  Frequency weighting: dB(A) & dB(C) to IEC 61672: 2002-1 Class 2
  Measurement Functions: LAF, LCF, LAF-Max, LCFMax
  Power: 1 X 9V battery - External DC Power
  Microphone 1/2” pre-polarised electret condenser
  Accessories: Operating manual, Certificate of calibration, Battery, Calibration screwdriver, Windshield

Radiation Meter/Detectors

- Model: PM1401K
  Alarm: can detect all types of radioactive sources:
  gamma, alpha, beta and neutron (only PM1401K)
  Location: capable of searching for gamma and nuclear radioactive materials
  Pollidentify dentification on PC or PDA
  Built-in IR and Bluetooth channels for communication to a PC or a PDA

4.2. Gas Detector And Meter

Multi Gas Detectors

- Model: G460
  Humidity: 5% to 95% RH (non-condensing)
  Number of buttons: 3
  Gases offered (option): NH3, CO2, CO, Cl2, ClO2, LEL (Catalytic), LEL (Infrared), ETO, H2, HCl, HCN, HF, H2S, NO, NO2, O2, O3, COCl2, PH3, PID (VOC), SiH4, SO2

Fixed Gas Detection

- Model: EC28DAR
  Gases offered (option): NH3, CI2, ClO2, HCl, HCN, C2H4O, HF, CO, COCl2, SO2, H2S, SiH4, NO2, NO, H2
  Range: 0 .. 100 % LEL, 0 .. 50 % LEL
Combustion, Emissions Analyzer

Model: E8500
Up to 9 Gas Sensors: O2, CO, NO, NO2, SO2, H2S (Electrochemical), CO2, CxHy Hydrocarbons, High CO (NDIR), VOC (PID)
Low NOx and "True" NOx Measurements
Built-in Thermoelectric Chiller with Automatic Condensate Removal

Dust Monitor

Model: EPAM-5000
Display: LCD-4 lines, 20 characters
Activity 4 key membrane cleaners, menu-style list of Calibration
Accuracy ± 10% compared with the gravity of the SAE dust
Measuring range: 0.001-20.0 mg / m³ or 0.01 - 200.0 mg / m³ (optional)

Particle Counter

Model: BT-620
Particle Size Range: 0.3 μm - 10 μm, 6 channels
Calibrated Sizes: 0.3 μm, 0.5 μm, 1.0 μm, 2.0 μm, 5.0 μm and 10 μm
User Size Settings:
0.1 μm steps from 0.3 μm - 2.0 μm
0.5 μm steps from 2.0 μm - 10 μm

4.3. Environmental and Liquid Meter

Beer And Wine Tester

Model: ATAMT8100
- Power: 2 x AA batteries, capacity: 2.1AH,
- Working temperature: -10 °C ~ 50 °C,
- Storage temperature: -40 °C ~ 70 °C;
- Working range: 0.000 - 2.000 mg / L
- Accuracy: ± 0.200 0.025mg / L
  0.400 ± 0.200 ~ 0.040mg / L
  ~ 2.000 0.400 ± 10%
- Response time: T <30
- Pass Level Indication: 0.090mg / L
Water Flow Meters

Model: DMTFH
Power Supply: 3 AAA Ni-H built-in batteries. When fully recharged it will last over 12 hours of operation. 90-240VAC for the charger
Velocity: 0 - ±40 ft/s (0 - ±12m/s), bi-directional
Display: 4 line x 16 English letters LCD back lit, can display total flow, flow rate, velocity and other running status etc.
Units Rate Totalized: User Configured (English and Metric)

Analysis Of Water

Model: HI 93102
+ Turbidity: 0.00 to 9.99 NTU / 0.00 to 50.0 NTU
+ Bromine: 0.00 to 8.00 mg/L (ppm)
+ Free Cl2: 0.00 to 2.50 mg/L (ppm)
+ Total Cl2: 0.00 to 3.50 mg/L (ppm)
+ CYS: 0 to 80 mg/L (ppm)
+ Iodine: 0.0 to 12.5 mg/L (ppm)
+ Iron LR: 0.00 to 1.00 mg/L (ppm)
+ pH: 6.5 to 8.5 pH

ORP Meter

Model: RE300
• Measures ORP from -999 to 999mV
• Automatic electronic self calibration
• Simulated analog bar graph displays change in ORP reading
• Memory stores and recalls 15 readings and saves last calibrated value
• Data validation indicators show user the reading is stabilized
• Large 3-1/2 digit (2000 count) Digital display

Ammonia Meter

Model: HI 96700
Range: 0.00 to 3.00 mg/L (ppm) (as ammonia-nitrogen)
Resolution: 0.01 mg/L (ppm)
Accuracy @ 25°C (77°F): ±0.04 mg/L ±4% of reading
Light Source: tungsten lamp
Light Detector: silicon photocell with narrow band interference filter @ 420 nm
### Iron Meter

**Model:** Mi408  
**Iron Range:** 0.00 to 5.00 mg/l Fe  
**Iron Resolution:** 0.01 mg/l  
**Iron Accuracy:** ± 0.03 mg / l @1.50 mg/l  
**Light Detector:** silicon photocell and  
525 nm narrow band interference filter  
**Environment:** 0 to 50°C / 32 to 122°F;  
max RH 100%  
**Auto-off:** after 10 minutes of non-use

![Iron Meter](Image)

### Phosphate Meter

**Model:** Mi412  
**Phosphate Range:** 0.00 to 2.50 mg/l PO4  
**Resolution Range:** 0.01 mg/l  
**Accuracy Range:** ±0.04 mg/l @1.00 mg/l  
**Light Detector:** silicon photocell and  
610 nm narrow band interference filter  
**Environment:** 0 to 50°C / 32 to 122°F;  
max RH 100%  
**Auto-off:** after 10 minutes of non-use

![Phosphate Meter](Image)

### Sugars Meter

**Model:** PAL-3  
**Measurement scale range:** Brix 0.0 to 93.0%, 9.0 to 99.9 degrees C  
**Measurement resolution:** Brix + or - 0.1%,  
temperature + or - 1 degree C  
**Sample measurement temperature:** 10 to 100 degrees C (ATC)  
**Ambient temperature:** 10 to 40 degrees C  
**Sample volume:** 0.3 mL

![Sugars Meter](Image)

### Manganese Meter

**Model:** HI 96709  
**Range:** 0.0 to 20.0 mg/L  
**Resolution:** 0.1 mg/L  
**Accuracy:** ±0.2 mg/L ±3% of reading @ 25°C  
**Light Source:** Tungsten lamp  
**Light Detection:** silicon photocell with narrow band interference filter @ 525 nm  
**Battery Type / Life:** 1 x 9V / approx. 40 hours of continuous use; auto-off after 10 minutes of non use

![Manganese Meter](Image)
## Chlorine Meter

**Model: HI 96734**
- **Range:** Cl, Free 0.00 to 10.00 mg/L  
  Cl, Total 0.00 to 10.00 mg/L  
- **Resolution:** 0.01 mg/L from 0.00 to 3.50 mg/L; 0.10 mg/L above 3.50 mg/L  
- **Accuracy @25°C:** ± 0.03 mg/L ± 3% of reading @ 25°C; excluding dilution error  
- **Light Detector:** silicon photocell with narrow band interference filter @ 525 nm  
- **Environment:** 0 to 50°C (32 to 122°F); RH max 95% non-condensing

## Copper Meter

**Model: HI 96702**
- **Range:** 0.00 to 5.00 mg/L (ppm)  
- **Resolution:** 0.01 mg/L (ppm)  
- **Accuracy @ 25°C (77°F):** ±0.02 mg/L ±4% of reading  
- **Light Source:** tungsten lamp  
- **Light Detector:** silicon photocell with narrow band interference filter @ 575 nm

## Turbidity Meter

**Model: HI 847492**
- **Range:** 0.00 to 9.99 FTU 10.0 to 99.9 FTU  
  100 to 1000 FTU  
- **Resolution:** 0.01 FTU from 0.00 to 9.99  
  FTU 0.1 FTU from 10.0 to 99.9 FTU 1 FTU from 100 to 1000 FTU  
- **Accuracy:** ± 2% of reading plus 0.05 FTU  
- **Repeatability:** ± 1% of reading or 0.02 FTU

## High - Voltage Step - Up Transformers

**Model: HI 8314**
- **Range/Resolution/Accuracy:**  
  pH: 0.00 to 14.00 pH /0.01 pH / ±0.01 pH  
  ORP: ±1999 mV / 1 mV / ±1 mV  
  Temperature: 0.0 to 100.0°C / 0.1°C / ±0.4°C  
- **pH Calibration:** manual, two point, through trimmers (offset ± 1 pH; slope: 80 to 110%)  
- **Temperature Compensation:** Automatic, 0 to 70°C (32 to 158°F)
### Conductivity Meters

<table>
<thead>
<tr>
<th>Model: EC400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensorex</td>
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<tr>
<td>Extech</td>
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<tr>
<td>Hanna</td>
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<tr>
<td>Lutron</td>
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<tr>
<td>Ohaus</td>
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<tr>
<td>Ebro</td>
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<tr>
<td>Milwaukee</td>
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<tr>
<td>HiNotek</td>
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<tr>
<td>Si Analytics</td>
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<tr>
<td>Specifications: Conductivity: 0 to 199.9 μS/cm / ±2% FS 200 to 1999 μS/cm / ±2% FS; 2.00 to 19.99 mS/cm / ±2% FS TDS (option sensor): 0 to 99.99 ppm (mg/L) / ±2% FS; 0 to 9999 ppm (mg/L) / ±2% FS; 1.00 to 9.999 ppt (g/L) / ±2% FS Salinity (option sensor): 0 to 99.99 ppm (mg/L) / ±2% FS; 100 to 9999 ppm (mg/L) / ±2% FS; 1.00 to 9.999 ppt (g/L) / ±2% FS</td>
</tr>
</tbody>
</table>

### Chemical Oxygen Demand COD

<table>
<thead>
<tr>
<th>Model: 83099 - 02</th>
</tr>
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<tbody>
<tr>
<td>Humas</td>
</tr>
<tr>
<td>Hanna</td>
</tr>
<tr>
<td>Specifications: Light Source: tungsten lamps with narrow-band interference filters Light Detection: silicon photocell Environment: 0 to 50°C (32 to 122°F); max 90% RH non-condensing Dimensions: 235 x 200 x 110 mm (9.2 x 7.87 x 4.33)</td>
</tr>
</tbody>
</table>

### Dissolved Oxygen Meter DO

<table>
<thead>
<tr>
<th>Model: SDL150</th>
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<tbody>
<tr>
<td>Extech</td>
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<tr>
<td>Hanna</td>
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<td>Lutron</td>
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<td>Ohaus</td>
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<tr>
<td>Milwaukee</td>
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<tr>
<td>Si Analytics</td>
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<tr>
<td>Centec</td>
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<tr>
<td>Specifications: Dissolved Oxygen: 0 to 20.0 mg/L / ± 0.4 mg/L Oxygen: 0 to 100.0% / ± 0.7% Temperature: 32 to 122°F (0 to 50°C) / ±0.8°C/1.5°F Probe Compensation &amp; Adjustment Salt: 0 to 50% Altitude: 0 to 8910m Temp: 0 to 50°C Stores 99 readings manually and 20M readings via 2G SD card</td>
</tr>
</tbody>
</table>

### Iodine Handy Photometer

<table>
<thead>
<tr>
<th>Model: MW13</th>
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<tbody>
<tr>
<td>Milwaukee</td>
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<tr>
<td>Specifications: Range: 0.0 to 12.5 ppm Resolution: 0.1 ppm Accuracy: ± 0.1 ppm ± 5% of reading @ 25°C Light Source: Light Emitting Diode @ 525 nm Light Detector: Silicon Photocell Environment: 0 to 50°C (32 to 122°F) max. 95% RH non-condensing</td>
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</table>
## Salt Meter

<table>
<thead>
<tr>
<th>Brand</th>
<th>Model</th>
<th>Measuring Unit</th>
<th>Specific Gravity</th>
<th>Temperature</th>
<th>Range</th>
<th>Resolution</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>KERN</td>
<td>HI 96821</td>
<td>g/100 g</td>
<td>°Baumé</td>
<td>0 to 80°C</td>
<td>0 to 28; 0 to 34; 1.000 to 1.216; 0 to 26; 0 to 80°C</td>
<td>0.1; 0.1; 0.001; 0.1; 0.1°C</td>
<td>±0.2; ±0.2; ±0.002; ±0.2; ±0.3°C</td>
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<tr>
<td>EXTECH</td>
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<td>g/100 mL</td>
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<tr>
<td>HANNA</td>
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<td>LUTRON</td>
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<td>EBRO</td>
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<td>DYS</td>
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<td>ATAGO</td>
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## TDS Meter

<table>
<thead>
<tr>
<th>Brand</th>
<th>Model</th>
<th>Range</th>
<th>Resolution</th>
<th>Accuracy</th>
<th>Conversion Factor</th>
<th>Calibration Solutions</th>
<th>Conductivity Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>HANNA</td>
<td>MW402</td>
<td>0.0 to 10 g/l (ppt)</td>
<td>0.1 g/l (ppt)</td>
<td>±2% Full Scale</td>
<td>0.5</td>
<td>6.44 g/l (M10038B)</td>
<td>SE520 (Included)</td>
</tr>
<tr>
<td>SENSOREX</td>
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<td>MILWAUKEE</td>
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</tbody>
</table>

## Oil And Acid Meter

<table>
<thead>
<tr>
<th>Brand</th>
<th>Model</th>
<th>Range</th>
<th>Resolution</th>
<th>Accuracy</th>
<th>Dimensions/Weight</th>
<th>Dimensions/Weight</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>WUHAN</td>
<td>RF12</td>
<td>0 to 18% Brix (10 to 30°C)</td>
<td>0.2</td>
<td>±0.2%</td>
<td>6.7 x 1.6 x 1.2&quot; (170 x 40 x 30mm)</td>
<td>6.5oz (185g)</td>
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<tr>
<td>EXTECH</td>
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<td>HANNA</td>
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<tr>
<td>EBRO</td>
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</table>

## Multi - Function Environment Meter

<table>
<thead>
<tr>
<th>Brand</th>
<th>Model</th>
<th>pH Range</th>
<th>pH Resolution</th>
<th>pH Accuracy</th>
<th>pH Calibration</th>
<th>Other Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>HANNA</td>
<td>HI98194</td>
<td>0.00 to 14.00 pH</td>
<td>0.01 pH</td>
<td>±0.02 pH</td>
<td>automatic one, two, or three points with automatic recognition of five standard buffers (pH 4.01, 6.86, 7.01, 9.18, 10.01) or one custom buffer</td>
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<tr>
<td>EXTECH</td>
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<tr>
<td>KIMO</td>
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<td>HACH</td>
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<td>HORIBA</td>
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<tr>
<td>SI ANALYTICS</td>
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</tbody>
</table>

## Weather Meter

<table>
<thead>
<tr>
<th>Brand</th>
<th>Model</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZDUST</td>
<td>4500</td>
<td>Heading (true &amp; magnetic)</td>
</tr>
<tr>
<td>KESTREL</td>
<td></td>
<td>Wind direction</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Crosswind</td>
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<tr>
<td></td>
<td></td>
<td>Headwind/tailwind</td>
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<td></td>
<td></td>
<td>Altitude</td>
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<td></td>
<td></td>
<td>Pressure trend</td>
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<tr>
<td></td>
<td></td>
<td>Barometric pressure</td>
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<tr>
<td></td>
<td></td>
<td>Wet bulb temperature</td>
</tr>
</tbody>
</table>

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Page 10

Testing & Measuring Everything
Controller, Sensor ORP Online

Model: DWA-3000B-ORP
- Meas. Range: ± 2000mV (Resolution: 1)
- Power: AC 110/220V, 50/60Hz, 3VA
- Accuracy: ± 1 mV
- Repetition & Reappearance: ± 1 mV
- Response time: 60 sec (90% saturation)
- Analog output: 4~20mA DC

Controller, Sensors PH Online

Model: HI6100805
Range: 0 - 14 pH
Body: PVDF
Junction: double, PTFE
Glass Type: high temperature
Temperature: 0 - 100°C
Max Pressure: 6 bar (87 psi)
Cable: 5 m

2.4. Moisture Meter

Moisture Meter For Agriculture

Model: GMM
Dimensions: 25.0 x 16.0 x 11.5 cm
Unit weight: 940 g (with battery)
Sample loading: manual, using dosage tube with slider
Sample volume: 270 ml
Moisture measurement method: capacitive

Hay And Straw Moisture Meter

Model: HMM
Connection cable length (only version with a cable): 140 cm
Dimensions of reader: 11.5 x 8.5 x 20.5 cm
Power supply: 9 volt battery, type 6F-22
Battery low indication: indicated automatically
Current intensity: ~4 mA

Soil Moisture Meter

Model: MO750
Moisture Content: 0 to 50%
Max Resolution: 0.1%
Complete with 4 x AAA batteries and sensor cap
<table>
<thead>
<tr>
<th>Moisture Meter Type</th>
<th>Model</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood And Construction Moisture Meter</td>
<td>MO290-RK</td>
<td>Pinless Moisture: 0 to 99% (limited by wood type)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pin-type Moisture: 6 to 40% (Wood); 13 to 99% (Materials)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Temperature (Air): -4 to 140°F (-20 to 60°C)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Temperature (IR): -5 to 392°F (-50 to 200°C)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Humidity: 0 to 99%RH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Vapor Pressure: 0 to 20.0kPA</td>
</tr>
<tr>
<td>Multifunction Moisture Meter</td>
<td>SDL550</td>
<td>Monitor moisture in: rice, hay, grain, corn, cotton, paper and other</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moisture Content: 10 to 95% /0.1% /3%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Air Temperature: 0 to 50°C /0.1° /1°C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dew Point: -25 to 50°C /0.1°</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Type K Temperature (option): -100 to 1300°C /0.1° /0.2%</td>
</tr>
<tr>
<td>Textile Moisture Meter</td>
<td>C-2000</td>
<td>Moisture Range: 4% - 16% on lint cotton, 6%- 20% on seed cotton, 12.3% - 25.2% on wool and 6% - 22.4% on viscose/rayon.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bright, clear digital display. Four separate scales for testing lint cotton, seed cotton, wool and viscose/rayon.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Audible, adjustable alarm alerts you when your pre-selected MC has been reached.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Averages up to 100 accumulated readings.</td>
</tr>
<tr>
<td>Paper Moisture Meter</td>
<td>P2000</td>
<td>Three scales: 4.3%-18% MC for paper, 5%-40%, for baled scrap paper, 0 - 100 arbitrary scale, for obtaining relative moisture indications on other material.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Built-in calibration check. Averages up to 100 accumulated readings.</td>
</tr>
</tbody>
</table>
### Draminski Veterinary Ultrasound Scanners

**Model: 4Vet**
- 10.4" touch screen which can be used in gloves,
- easy access to image usage options (gain, focus, zoom, gamma, depth range scanning, frequency of the head),
- managing individual settings (pre-sets),
- storing video sequences (cine loop) and ultrasound images in the device’s memory,
- cooperates with many types of electronic

### Draminski Pregnancy Detector

**Model: PDP**
- Unit weight: 340 g (with battery)
- Dimensions: 15.5 x 8.0 x 4.0 cm
- Length of the cable probe: 110 cm
- Power supply: 1 x 9 V alkaline battery, type 6LF-
- Estimated working time on one battery pack: about 17h
- Recommended working temperature: from 0°C to 60°C
- Recommended storage temperature: from 5°C to 45°C

### Draminski Mastitis Detector

**Model: MD4X4Q**
- Dimensions: 31.0 x 13.0 x 9.0 cm
- Power supply: 1 x 9 V battery, type 6F-22
- Measuring range: 10-990 units
- Recommended storage temperature: from 5°C to 45°C

### Draminski Estrous Detector

**Model: EDC**
- Unit weight: 415 g (with battery)
- Dimensions: 52.0 x 7.0 x 17.0 cm
- Length of the probe: 42.5 cm
- Model EDC: for cows and mares
- Model EDS: for sheep and goats
- Model EDP: for pig
1.1. Electronic scales

**Scale Analysis**

- **Model: PA 214C**
  - Accuracy: 10-4g (d = e = 0.1 mg) (d repeatability, precision e)
  - Repeatability: 0.0001g
  - Linearity: ± 0.0002g
  - Unit weight: grams, kilograms, milligram, ounce, ounce troy, carat, penny.

**Balance Techniques**

- **Model: PA 4102C**
  - Maximum Capacities: 4100g
  - Accuracy: 10-2g
  - Repeatability: 0.01g
  - Linearity: ± 0.03g
  - Unit weight: grams, kilograms, milligram, ounce, ounce troy, carat, penny

**Moisture Analyzer**

- **Model: MLS 50-3D**
  - Weighing range (Max): 50 g
  - Readout (d): 1 mg
  - Reproducibility: 1 mg
  - Linearity: 3 mg
  - Stabilisation time: 3 s
  - Drying modes: Standard drying, Drying in levels, Gentle drying, Rapid drying

**Crane Scale**

- **Model: HTS 1T-4AM**
  - Casing material: Cast aluminium alloys
  - Maximum humidity: 10% to 95%
  - Operating temperature: -20°C to 40°C
  - Gross weight: 8.522 kg
  - Dimensions packaging (WxDxH): 300 mm x 400 mm x 250 mm
### 1.2. Laboratory Equipment

| Stopwatches/Timers/Clocks | Model: **365535**  
Large triple display with adjustable contrast  
1/100th second precision for 19 hours  
Timing capacity of 19 hours, 59 minutes, and 59.99 seconds with ± 5 seconds/day accuracy  
500 memory records of Split and Lap times  
Calendar displays day, month and date  
| EXTECH |

| Spectrometer | Model: **UVD - 3500**  
Wavelength range: 190 nm - 900 nm  
Spectral bandwidth: 0.1, 0.2, 0.5nm, 1.0nm, 2.0nm, and 5.0 nm.  
Stray Light: > 0.01%T  
Wavelength accuracy: ± 0.3 nm (automatic correction)  
Wavelength Reproducibility: 0.1 nm  
Photometric Range: 4.0 ~ 4.0 Abs  
| LABOMED  
SI ANALYTICS  
HACH  
DYNAMICA  
PG INSTRUMENTS |

| COD - BOD | Model: **BOD SYSTEM 6**  
Data memory BOD 5 value in 24 hours  
Display: 7 LED 3 mm high  
Scale: 90; 250; 600; 999 ppm or greater after dilution  
Sources: 2 lithium battery (250mAh)  
Equipment designed standard 3 IEC 1010 safety standards and IEC 529 IP 44 protection  
Ambient temperature operation -25 °C to +60 °C  
| VELP |

| Drying Oven | Model: **SH - DO - 149NG**  
Temp Range: Ambient +10°C to 250°C  
Temp Accuracy & Stability: ± 0.1°C  
Dimension Internal: 555 x 450 x 600 (W x D x H)  
Accessory: Stainless Steel Shelves 2EA (Basic spec), 12EA (Maximum)  
Material External: Steel Plate SS 41 With Powder Heating Coated  
| SH SCIENTIFIC  
JEIOTECH  
NABERTHERM  
MEMMERT  
ESCO  
CHINA  
ASLI |
## Titration Equipment

**Model: TitroLine® alpha plus**
- Measurement range: -2000.0 ~ +2000.0 mV; 0.000 ~ 14.000 pH; -75 ~ 175.0 °C; 0.0 ~ 100.0 mA
- Connection of up to 5 piston burettes for titration and dispensing
- 100 preprogrammed standard titration methods
- 50 customized methods

## Distillation Protein

**Model: UDK139**
- + 01 x 300mm test tubes Ae42
- + 01 250ml sample flasks inspiration
- + 01 The reagent supply pipes.
- + 01 test tube clamp.

## Digesters

**Model: DKL8**
The device is made: in accordance not go, there Phy Epoxy paint.
The control system: graphics processor with LCD display.

## Centrifuges

**Model: Z36HK**
- Max. Speed: 30000 rpm
- Max. RCF: 65390 xg
- Max. Volume: 6 x 250 ml
- Speed Range: 200 - 30000 rpm with 10 rpm increments

## Waterbath

**Model: WNB 29**
- Capacity: 29L
- Display of temperature
- Adjustable temperature: Temperature 5 degrees C above ambient temperature up to + 95 degrees C.
### Colour Meter

**Model:** RGB - 1002  
Measure the sample; there is no light form (textile, paper, leather ...). Measurement value: RGB value, the value of HSL (Hue / Saturation / glare).

### Autoclave Sterilizer

**Model:** TC - 750  
External: DIA L.W.H. (cm): 168 x 95 x 194  
Chamber: Ø x D (cm): 75 x 120  
Capacity (L.): 530  
Power Consumption (kw): 24 (380V)

### Ultrasonic Cleaners

**Model:** UCP - 02  
Bath Volume: 2 l  
Temperature Range: Amb. ~ 70°C  
Ultrasonic Power: 100 (W)  
Dimension Bath Internal: 142 x 132 x 104mm

### Asphalt Tester

**Model:** SYD - 2806E  
Power supply: AC 220V (tolerance: -5%~+10%), 50 Hz  
Measurement range: +5.0°C~90±0.5°C, or +5.0°C~75±0.5°C  
Temperature resolution: 0.01 °C

### Heating/Water Baths

**Model:** VB - 25G  
Digital timer for delayed ON / OFF. (from 1 min to 99 hr 59 min)  
Working Temperature Range: Amb. +5°C to 150°C  
Temperature Stability: 0.05 ±°C
## Water Distiller

<table>
<thead>
<tr>
<th>GFL</th>
<th>Model: 1810</th>
</tr>
</thead>
<tbody>
<tr>
<td>SI ANALYTICS</td>
<td>Speed 1.8L / h</td>
</tr>
<tr>
<td>HAMILTON</td>
<td>Voltage: 220V/50Hz</td>
</tr>
<tr>
<td>STUART</td>
<td>Power: 3kW</td>
</tr>
<tr>
<td>LASANY</td>
<td>Applications for applications requiring</td>
</tr>
<tr>
<td>POBEL</td>
<td>high quality pure water to believe will</td>
</tr>
<tr>
<td>CHINA</td>
<td>not interfere with the</td>
</tr>
</tbody>
</table>

## Shakes

<table>
<thead>
<tr>
<th>GFL</th>
<th>Model: SSL2</th>
</tr>
</thead>
<tbody>
<tr>
<td>VELP</td>
<td>Shaking action: Reciprocating</td>
</tr>
<tr>
<td>JEITECH</td>
<td>Platform dimensions (w x l): 335 x 335mm</td>
</tr>
<tr>
<td>HETTICH</td>
<td>Speed range 2: 5 to 250 rpm</td>
</tr>
<tr>
<td>STUART</td>
<td>Orbit / amplitude: 20mm</td>
</tr>
<tr>
<td>CHINA</td>
<td>Maximum load: 10kg</td>
</tr>
</tbody>
</table>

## Stirrer

| JEITECH | Model: AREC.X |
| HANNA | Ceramic heating plate resists acids, |
| VELP | bases and solvents |
| STUART | Maximum temperature: 550 °C |
| THERMO | Accepts up to 15 liter flasks |
| NYX TECHNIK | Electronic speed regulation up to 1500 |
| CHINA | rpm |

## Heating Plates

| SH SCIENTIFIC | Model: RC |
| JEITECH | Construction material: epoxy painted |
| VELP | aluminum structure |
| SCHOTT | Heating plate: aluminum alloy coated |
| SI ANALYTICS | with a special protection |
| | Heating plate diameter: 155 mm |
| | Power: 600 W |
| | Maximum temperature: 370 °C |

## Scrubber

| VELP | Model: SMS |
| OMNILAB | Using the decomposition of the sample |
| | The device is made of stainless steel, |
| | corrosion resistant epoxycoating |
| | chemicals. |
| | Optional Accessories for Steam filter |
| | The agent absorbs carbon |
### Cabinet Microbial Cultures

**Model: BC - 21B**
- Air Volume: 119 to 399 cfm
- Noise Level: < 67dBA at initial blower speed
- Illumination Intensity (lux): > 650
- UV lamp (W): 30W electronically ballasted UV Lamp

**SH SCIENTIFIC**
**JEIOTECH**
**CHINA**

### Furnaces

**Model: HTCT 08/15**
- Tmax: 1500 °C
- Control: P330
- Inner dimensions in mm (WxDxH): 170x290x170
- Volume (L): 8
- Outer dimensions in mm (WxDxH): 450x620x570
- Connected (kW): 13.0
- Electrical: 3 phase

**SH SCIENTIFIC**
**NABERTHERM**
**THERMO**
**SHINE**
**CHINA**

### Incubator

**Model: FOC 215E**
- Capacity: 207 llt
- Temperature variation: 3 ~ 50 °C
- Accuracy: ± 0.5 °C
- Source: 230 V / 50 - 60 Hz

**SH SCIENTIFIC**
**JEIOTECH**
**GFL**
**VELP**
**MEMMERT**
**ESCO**
**STUART**
**HETTICH**
**CHINA**

### Liquid Particle Counter

**Model: SLS - 2000**
- Small volume chemical quality assurance
- Parts cleanliness testing
- Laboratory water sampling
- Pharmaceutical testing for USP compliance
- Industries: semiconductor, pharmaceutical, data storage, medical, aerospace, automotive, hydraulic oils

**PMS**
**MET ONE**
**HACH**

### Polarimeter

**Model: SWG - 3**
- Measure MODE: specific rotation, optical rotation, sugar degree and concentration
- Light Source: LED + interference filter
- Operation Wavelength: 589.3 nm
- Measure Range: ± 45 °(± 120 °Z)

**HINOTEK**
**ATAGO**
### Oxygen Deat Meter

**Model: XRY - 1B**
- Heat capacity: 14000 ~ 15000 J/K;
- Temperature measurement range: 10 ~ 35°C;
- Temperature resolution: 0.001 °C;
- Repeatability error: ≤ 0.2 % (Grade C);
- Endured pressure in oxygen bomb: 20 MPa;
- Operation environment temperature: 15 ~ 28°C (Ambient temperature);
- Temperature fluctuation is not more than 1°C during a test;
- Ambient humidity: less than 85%;

**Country:** CHINA

### Flame Photometer

**Model: PFP7**
- Designed for industrial analysis
- Supplied with Na, K, Li, Ba and Ca filters
- Low temperature, single channel
- Flame failure safety system
- Operates with propane, butane, natural gas or LPG
- 3 year warranty

**FABRICANTS:** HINOTEK, JENWAY, PG INSTRUMENTS

### Flocculators

**Model: JLT4**
- Number of stirring positions: 4
- Structure made of stainless steel painted with epoxy paint and corrosion-resistant chemical agents conventional mechanical
- Wing stirring and stirring shaft made of stainless steel with adjustable height

**FABRICANTS:** VELP

### Viscometer

**Model: NDJ - 1C**
- Measure range: 100mPa 200000mPa • s ~ s;
- Rotor sizes: 21, 27,28,29 the four propellers;
- Rotor speed: 5, 10, 20, 50 r / min four equipment;
- The measurement error: ± 1% (F • S), ± 1% (F • S);
- Room temperature: ~ 200 °C;
- Temperature accuracy: ± 0.1 °C; ± 0.1 °C;
- The tube containing the sample volume: 20ml;

**FABRICANTS:** HINOTEK, BROOKFIELD, CHINA
Extractors

Model: FIWE3
Sample volume: 0.5 - 3.0g
Repeatability: ± 1%
Structure is made of stainless steel epoxy coating.
Number of samples: 03
Display time from 0 - 99 minutes with the alarm after the end of each cycle to work.

Pump Flow

Model: BL20 - 2
Flow (l/h): 18.3
Head (bar): 0.5
Max Power Consumption (W): 200
Power supply: 220V AC

Vacuum Pump

Model: MVP - 6
Pumping Speed: 80 l/min
Max. Pressure: 6.7 x (10)-2 pa
Motor Power: 400 w
Motor Speed: 1450 rpm
Recommended Oil: 1.1 lls

Recirculating Pump

Model: JP
Structure: ABS Polypropylene and corrosion-resistant chemical.
Gas flow rate: 35 l / min
Adjustable flow rate: 0 - 35 l / min
Residual pressure: 35 mmHg with water temperature 15 °C
## 1.3. Equipment For Pharmaceutical

### Tablet Hardness Tester

**Model:** YD - 2  
Range of hardness test force: 0 ~ 20kgf  
Accuracy of hardness: ± 0.05kgf  
Diameter range: ≤ 40mm  
Test time: 10  
The members of each of the test: ≤ 100 members  
Power: 220V/50Hz/10W

![ Tablet Hardness Tester Image ]

**Manufacturer:** CHINA

### Tablet Disintegration Tester

**Model:** BJ - 2  
Basket Assembly: 2  
Nacelle back and forth frequency: (30 ~ 32) / min  
Nacelle back and forth range: (55 ± 1)mm  
Automatic time range: (5 - 120) min  
Accuracy of controlling temperature: (37 ± 0.5 °C)  
Power: 220V/50HZ/600W or 110V/60HZ/600W

![ Tablet Disintegration Tester Image ]

**Manufacturer:** PG INSTRUMENTS CHINA

### Melting Meter

**Model:** WRS - 1C  
Melting-point measurement range: room temperature ~ 400 °C  
Settling rate of the “starting temperature”: 50 °C ~ 400 °C no more than 5 mins;  
400 °C ~ 50 °C no more than 7 mins  
Minimum digital display: 0.1 °C  
Loading height of the sample: 3mm  
Linear heating-up rate: 0.1°C ~20 °C /min  
Repeatability: 0.3°C  
Accuracy: ≤200°C: ±0.5°C; >200°C: ±0.8°C

![ Melting Meter Image ]

**Manufacturer:** HINOTEK CHINA

### Equipment For Pharmaceutical

**Model:** RC - 6/3  
Easy to use with 6 cups.  
Wings stirring speed: 20-200 rpm / min  
Accuracy: ± 2 cycle / min  
Tank temperature: from ambient temperature to 39.9 °C  
Temperature Accuracy: ± 0.3 °C  
Voltage used: 220V/50Hz/1000W

![ Equipment For Pharmaceutical Image ]

**Manufacturer:** CHINA

### Pharmaceutical Mill

**Model:** FZ 102  
2-4 tModel FZ102  
Voltage (V): 220  
Power (W): 250  
Speed (r / min): 1400  
Cavity diameter (mm): 102  
Power supply: 220V/50Hz  
Sieve diameter (mm): 0.5/1/1.5

![ Pharmaceutical Mill Image ]

**Manufacturer:** CHINA
1.4. Medical Equipment

**Titration Equipment**

**Model: HI84532 - 02**
- Range: Low Range: 0.10 - 2.00 %CA, 0.11 - 2.35 %TA, 0.10 - 2.09 %MA; High Range: 1.00 - 10.00 %CA, 1.17 - 11.72 %TA, 1.05 - 10.47 %MA
- Resolution: 0.01 %
- Accuracy (@25°C/77°F): 3% ± 0.02 %CA
- Methods: acid-base titration
- Principle: endpoint titration: 8.1 pH
- Pump Speed: 10 mL/min

**Electrolyte Clinical Analyzer**

**Model: IO - 005**
- Parameters: K+, NA+, Cl-, Ca2+, PH
- Assay Method: Ion selective electrode
- Throughput: 60 tests/hr
- Sample Type: Whole blood, serum, plasma, urine, sweat, dialysate
- Sample Volume: 35-120 ul
- Display: 128mm X 64mm back-illuminated LCD

**Hematology Analyzer**

**Model: H - 7021**
- Easy operation
- Carry-over prevented by automatic probe interior and exterior cleaning
- Whole blood test mode and prediluted blood test mode available
- Automatic self-diagnosing and alarm function
- Internal real-time monitoring system
- Clog prevention and maintenance function
- Automatic 24 hours standby function
- Multiple report formats available.
- Free cyanide reagent

**Ultra-sensitive Device For Human Skin**

**Model: DermaView**
- Length of the probe: 18.5 cm
- Connection cable length: 178.5 cm
- Unit weight: 300 g
- Probe frequency: 48 MHz
- Power supply: computer USB 2.0
Medical Ultrasound Scanners

Model: OPUS D
- Power consumption: ~ 2.2 A
- Working temperature: +10 °C to +45 °C
- Storage temperature: +5 °C to +45 °C
- Monitor: 10.4” LCD with LED backlight, LCD touch panel
- Frequency: 2 to 14 MHz (depending on the probe type used)
- Image presentation (projection) mode: B Mode, B+B Mode, B+M Mode
- Doppler: PWD (Pulse Wave Doppler), Color Doppler, PDI (Power Doppler)

Chemistry Analyzer

Model: FACA - 261
- Random access and direct reading system
- Automatic washing system for both sample and reagent probe
- Liquid level detection and collision protection for both sample and reagent probe
- Reliable cooling system for reagent chamber
- Powerful reaction cuvette washing system
- User-friendly interface
- ELE module and barcode scanner (optional)

Microscope

Model: OZS 573
- Eyepieces: HSWF 10x Ø 22 mm
- Objective zoom: 0.8x - 8x
- Eye distance: 52 - 76 mm
- Tube: trinocular
- Tube angle: 45 °
- Magnification: 10
- Dimensions packaging (WxDxH): 400 mm x 370 mm x 340 mm
EMIN at AgroViet 2013

EMIN Draminski the workshop from South to North

EMIN at Techmart 2013
EMIN at Agroviet 2014

EMIN at Expo 2014

EMIN at VIIF 2014
EMIN at E&A HaNoi 2015

EMIN at NEPCON Vietnam 2015

EMIN at E&A HCMC 2015

EMIN at Techmart Hanoi 2016
Global Technology supply and demand Connection point

EMIN at NEPCON 2017

EMIN in Vietnam International Industrial Fair (VIIF) 2017

EMIN at VINAMAC EXPO 2017

Testing & Measuring Everything
EMIN Vietnam Joint Stock Company
Website http://emin.vn

Offices in HaNoi City
No. 8A, Hoang Cau Moi Street, Dong Da District, Ha Noi, Vietnam
Tel: (84-24) 35.38.12.69 - Email: hn@emin.vn

Offices in Ho Chi Minh City
No. 218, Cong Hoa Street, Tan Binh District, Ho Chi Minh, Vietnam
Tel: (84-28) 38.11.96.36 - Email: hcm@emin.vn

Offices in Da Nang City
No 112A, Le Dinh Ly Street, Thanh Khe District, Da Nang, Vietnam
Tel: (84-236) 374 77 11 - Email: dn@emin.vn