



**Biometrics**  
Quality of life

**ANALYTICAL INSTRUMENTS**





**Biometrics Technologies, Inc.** has a solid foundation with scientific professional, is established in 2013. Our company has successfully developed a several of high-tech products with patented technology. With strong R&D and expert management team, Biometrics products are a good reputation and advanced designing for the clinical diagnosis and life science. To ensure premium quality, business processes and quality control strictly follow up the ISO 9001 quality management system.

**Biometrics Technologies, Inc.** is entrusted to bring the Innovative Solution including the creation of new technology. We have built up the business channels to oversea countries such as Southeast Asia, Taiwan, Korea, Middle East, Oceania, Europe and so on. Mostly of our products are designed with RoHS complied and CE marked.

## Spectrophotometer (Double Beam System)



### Model: UV 600E

**Wavelength Range:** 190-1100 nm  
**Spectral Bandwidth:** 1.8 nm  
**Control:** 10.1-inch Touch Screen & PC Software  
**Printer:** Built-in Thermal Printer  
**Compliance:** GLP/GMP and FDA 21 CFR Part 11 (option)  
**Standalone Software:** Photometric, Quantitative, Multi-wavelength, Kinetics, DNA/Protein and Wavelength scanning  
**Data Output:** Flash drive



### Model: UV 600P & UV 600PV

**Wavelength Range:** 190-1100 nm  
**Spectral Bandwidth:** 1 nm (for UV 600P) / 0.5, 1, 2, 4, 5 nm (for UV 600PV)  
**Control:** Via Tablet & PC Software  
**Compliance:** GLP/GMP and FDA 21 CFR Part 11 (option)  
**Analysis Modes:** Photometric, Quantitative, Multi-wavelength, Kinetics, DNA/Protein, Wavelength scanning, Custom formula and User Center etc.  
**Data Output:** Email, Other Application and Flash drive  
**Printout:** W-Fi Printer

## Spectrophotometer (Dual Beam / Split Beam System)



### Model: UV 400S

**Wavelength Range:** 190-1100 nm  
**Spectral Bandwidth:** 1.8 nm  
**Control:** 10.1-inch Touch Screen and PC Software  
**Printer:** Built-in Thermal Printer  
**Standalone Software:** Photometric, Quantitative/Multi-component, Multi-wavelength, Kinetics, DNA/Protein and Wavelength scanning  
**Cell Holder:** Auto 5-cell holder (size 10-50 mm) as standard

## Spectrophotometer (Single Beam System)



### Model: VIS 300T

**Wavelength Range:** 320-1100 nm  
**Spectral Bandwidth:** 2 nm  
**Control:** 7-inch Touch Screen and PC Software  
**Printer:** Built-in Thermal Printer  
**Standalone Software:** Photometric and Quantitative  
**PC Software:** Photometric, Quantitative, Multi-wavelength, Kinetics, DNA/Protein and Wavelength scanning



### Model: UV 300TS

**Wavelength Range:** 190-1100 nm  
**Spectral Bandwidth:** 1.8 nm  
**Control:** 10.1-inch Touch Screen and PC Software  
**Printer:** Built-in Thermal Printer  
**Standalone Software:** Photometric, Quantitative, Multi-wavelength, Kinetics, DNA/Protein and Wavelength scanning



### Model: VIS 200F & UV 200F

**Wavelength Range:** 320 – 1100 / 190-1100 nm  
**Spectral Bandwidth:** 4 nm  
**Control:** 7-inch Touch Screen  
**Printer:** Built-in Thermal Printer  
**Standalone Software:** Photometric and Quantitative (PC software not available)

## Microwave Digestion



### Model: LAVAwave (6, 8, 10, 12 vessels)

**Temp. and Pressure Control:** Contactless  
**Max. Tolerance Temp.:** 400 °C  
**Max. Tolerance Pressure:** 150 Bar  
**Microwave Power:** 0-1000W (adjustable)  
**Display:** 7-inch Touch Screen  
**Vessel Material:** TFM  
**Vessel Volume:** 100 mL

## Graphite Digestion Block



### Model: GDB-24T & GDB-24TS

**Sample Vessels:** 24  
**Vessel Volume:** 50 mL for GDB-24TS / 100 mL for GDB-24T  
**Temp. Control Range:** Room temperature – 250 °C  
**Heating Power:** 2800 watts  
**Display:** 4-inch Color Touch Screen  
**Temperature Steps:** 6 Levels

## X-ray Fluorescence Spectrometer



### Model: Comfort 200

**Element Analysis:** Magnesium (Mg) to Uranium (U)  
**Test Environment:** Air  
**Excitation Source:** 4 Watts High efficiency micro tube,  
 50 kv Max, 200uA Max  
**Detector:** Silicon (Si-PIN) Detector  
**Factory Calibration:** Metals in Soil  
**Sample Type:** Liquid, Powder and Solid  
**Display:** 8-inch Touch Screen  
**Operation System:** Windows 10  
**Weight:** 10.5 kg



### Model: X-Lab 900

**Element Analysis:** Magnesium (Mg) to Uranium (U)  
**Test Environment:** Air  
**Excitation Source:** 50 watts Silver/Rhodium target  
 X-ray tube, 50kv, Tube current 0µA – 1000µA  
**Detector:** High Resolution SDD  
**Factory Calibration:** High Sulfur 0.01% - 5%  
 Low Sulfur 10-100 ppm  
**Sample Type:** Petroleum and Refinery Products  
**Display:** 10-inch Touch Screen  
**Operation System:** Windows 10  
**Weight:** 30 kg



### Model: Comfort 300

**Element Analysis:** Sodium (Na) to Uranium (U)  
**Test Environment:** Air and Pump integrated  
**Excitation Source:** 4 Watts High efficiency micro tube,  
 50 kv Max, 200uA Max  
**Detector:** High Resolution Peltier Cooling SDD  
**Factory Calibration:** Mining and Mineral  
**Sample Type:** Liquid, Powder and Solid  
**Display:** 8-inch Touch Screen  
**Operation System:** Windows 10  
**Weight:** 10.5 kg

## High Performance Liquid Chromatography



### Model: mini LC-80

**Type:** HPLC  
**Flow Rate Range:** 0.001-5.000 mL/min  
**Maximum Output Pressure:** 5,800 psi  
**Detector:** UV-VIS  
**Type of Pump:** Isocratic  
**Column Oven:** Room Temp. - 80 °C (Option)

## Moisture Analyzer



### Model: MB 50

**Max. Weighing Range:** 50g  
**Heating Temp.:** 50-180°C  
**Heater:** Halogen Lamp  
**Display:** 4.3-inch Color Touch Screen  
**Mode:** Auto and Timing  
**Drying Mode:** Standard and Fast  
**Method Capacity:** Not less than 15 program  
**Result Capacity:** 1500 test data



FOR MORE INFORMATION  
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