

Infitek



Moisture Balance

BA-M500



Description

The moisture analyzer can be widely used in all industries that need to quickly measure moisture. It can measure the moisture content of various samples such as solids, granules, powders, colloids and liquids to meet the requirements of laboratory and production processes in various industries. Rapid determination of content.



Features



- The operation interface displays three curves at the same time, including moisture M, weight W, temperature T.
- The display screen adopts a 7-inch capacitive touch screen, which is intuitive, clear and responsive.



- The instrument has its own data storage function, which can store the latest 50 sets of measurement data, which is convenient for viewing historical records.
- The instrument has the communication function, and the standard RS232 communication interface is convenient for printing the results in real time.



- Simple, guided operation, no training required, laboratory or production line personnel can operate independently.
- It has the advantages of fast measurement, convenient operation and reliable data.



- The new measuring system, fast and professional.
- Using a special ring heating light source, the sample is heated more evenly, the drying is more thorough, the penetration ability is stronger, and the measurement is faster.



The instrument has powerful data processing functions, and the standard USB interface can be connected to a computer for operation to realize software analysis of moisture data. The software interface includes measurement curve, sample name, sample weight, test temperature, test time, record query, experimental data record printing, recording and export functions.



The instrument has four test modes, including automatic, timing, manual, and stage measurement. Stage measurement realizes the test of various samples at different temperature stages, and achieves a number of technological breakthroughs in the industry; the diversification of test modes can deal with a variety of samples testing needs.



Imported load cells solve weighing problems such as temperature drift and time drift, and improve measurement accuracy. The temperature control system adopts imported high-sensitivity temperature control components to ensure the accuracy and controllability of the temperature during the test.



- The instrument has a beautiful appearance, the appearance has patented technology, and the structure is compact.



- Zero consumables in the use process, stainless steel sample plate, reusable, energy saving and environmental protection



- Perfect after-sales service system, timely and quickly solve customer feedback problems.



- Display 12 parameters, including moisture %, solid content %, moisture curve, solid content curve, temperature curve; test duration, constant weight time, measurement mode, set temperature, measurement temperature, initial weight value, final weight value.

Specification

Model	BA-M500
Weighing range	0-220g
Weighing accuracy	0.005g (5mg)
Moisture readability	0.01%
Temperature range	Start -225 ℃
Moisture measurement range	0.01~100%
Weighing sensor	Imported PW series sensor
Heating light source	Tungsten halogen ring heating light source
Heating mode	Fast
Test mode	Automatic, timed, manual, stage
Timing time range	1-360min (expandable)
Display parameters	Moisture %, solid content %, moisture curve, solid content curve, temperature curve; test duration, constant weight time, measurement mode, set temperature, measurement temperature, initial weight value, final weight value
Display language	English
Data storage	Store the latest 50 sets of measurement data (expandable)
Display curve	Simultaneously display three test curves (including moisture M, weight W, temperature T)
Sample pan dimension	Diameter:100 (mm)
Display	7 inch capacitive touch display
Communication interface	Standard RS232 communication interface and standard USB interface
Optional accessories	Micro printer and computer software
Product dimensions (L*W*H)	390*220*170 mm
Packing dimensions(L*W*H)	475*290*265 mm
Product net weight	3.65 kg
Package weight	5.2 kg



LOW VOLTAGE DIRECTIVE, ELECTROMAGNETIC COMPATIBILITY DIRECTIVE ATTESTATION OF CONFORMITY

Technical file of the company mentioned below has been inspected and audit has been completed successfully.

2014/30/EU Electromagnetic Compatibility Directive and 2014/ 35/EU Low Voltage Directive has been taken as referances for these processes.

Company Name : **Infitek Co., Ltd.**

Company Address : Rm. 2014, Bldg. 3, LigaoguojiHuayuan, No. 1222, West Aoti Road, Lixia District, Jinan, Shandong, China

Related Directives and Annex : **2014/35/EU Low Voltage Directive /Annex III**
2014/30/EU Electromagnetic Compatibility Directive /Annex II

Related Standards : **EN 61010-1:2010/A1:2019, EN IEC 61326-1:2021**

Product Name : **Balance**

Report No and Date : EC.INFI.20230625-R21

Product Brand/Model/Type : BMA Series, BP series, BSP series, BS-WP series, BA Series, BA-B series, BA-C series, BA-D series, BA-E series, BA-F series, BA-G series, BA-H series, BA-M series, BA-N series, BA-P series, BA-R series, BA-S series, BA-T series, BA-V series, BA-W series, BA-Y series, HB Series, MCA Series

Certificate Number : **M.2023.206.C87062**

Initial Assessment Date : 29.06.2023

Registration Date : 30.06.2023

Reissue Date/No : -

Expiry Date : **29.06.2028**

UDEM International Certification
Auditing Training Centre Industry
and Trade Inc. Co.

The validity of the certificate can be checked through www.udem.com.tr. Upon completion of EC declaration of conformity, it is used solely at the manufacturer's responsibility. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be noticed in case of any changes on the product(s)

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FDA

Fiscal Year 2023

CERTIFICATION OF REGISTRATION

This certifies that:

Name: INFITEK CO., LTD.

Add: Rm. 2014, Bldg. 3, LigaoguojiHuayuan, No. 1222, West Aoti Road, Lixia District, Jinan, Shandong, 250000, CHINA

has completed the FDA Establishment Registration (as manufacturer and foreign exporter) and Device Listing with the US Food & Drug Administration, through Registration/ FEI Number: Active, Waiting for Registration Number Assignment

Owner/Operator Number: 10088387

Abmed will confirm that such registration remains effective upon request and presentation of this certificate until the end of the year stated above, unless said registration is terminated after issuance of this certificate. ABmed makes no other representations or warranties, nor does this certificate make any representations or warranties to any person or entity other than the named certificate holder, for whose sole benefit it is issued. This certificate does not denote endorsement or approval of the certificate -holder's device or establishment by the U.S Food and Drug Administration. ABmed assumes no liability to any person or entity in connection with foregoing.

Date of verification: Jul.26, 2023

Date of expiration: Dec.31, 2024

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TEL:303-800-0162 info@abmed.com.cn

FDA

Listing No	Premarket Submission NO.	Code	Device Name
D508723	510(k) exempt	IDL	MICROTOME, ACCESSORIES, Vibrating Microtome, Pathology Lab Solution, Microtome, Rotary Microtome.
D508231	510(k) exempt	KQO	AUTOMATED URINALYSIS SYSTEM, In Vitro Diagnostic Medical Devices, Urine Analyzer, Veterinary Semi-Automatic Urine Analyzer, Fully Automatic Urine Analyzer, Semi-Automatic Urine Analyzer
D508229	510(k) exempt	KZB	AUTOMATED COLONY COUNTER, Molecular Biology Instruments, Colony Counter.
D508228	510(k) exempt	JQT	DENSITOMETER/SCANNER (INTEGRATING, REFLECTANCE, TLC, RADIOCHROMAT.) CLINICA, Pathology Lab Solution, Digital Pathology Slide Scanner.
D508227	510(k) exempt	IWE	Monitor, patient position, light-beam, Patient Monitor.
D508226	510(k) exempt	LRJ	Disinfectant, medical devices, Autoclaves & Sterilizers, Medical Ultraviolet Ultrasonic Probe Sterilizer.
D508225	510(k) exempt	KSQ	DEVICE, BLOOD MIXING AND BLOOD WEIGHING, Blood Collection Monitor, Blood Station Equipment.
D508224	510(k) exempt	JQC	CENTRIFUGES (MICRO, ULTRA, REFRIGERATED) FOR CLINICAL USE, Gel Card Centrifuges, Multi Purpose Centrifuges, Blood Washing Centrifuge, Mini Centrifuges, Oil Test Centrifuge, Refrigerated Centrifuges, Low Speed Refrigerated Centrifuges, Dedicated Centrifuges,Cyto Centrifuges, High Speed Refrigerated Centrifuges, Microplate Centrifuge, Microhematocrit Centrifuges, Centrifuges, High Speed Centrifuges,Centrifugal Concentrator,Low Speed Centrifuges, PRP Centrifuges.

FDA

Listing No	Premarket Submission NO.	Code	Device Name
D508223	510(k) exempt	JZT	FLUOROMETER, Fluorometer, POCT Testing, In Vitro Diagnostic Medical Devices.
D508222	510(k) exempt	JJR	Electrolyte controls (assayed and unassayed), In Vitro Diagnostic Medical Devices, Electrolyte Analyzer.
D508221	510(k) exempt	GGN	Plasma, coagulation control, Coagulation Analyzer, Semi-auto Coagulation Analyzer, Fully Automatic Coagulation Analyzer, In Vitro Diagnostic Medical Devices.
D508220	510(k) exempt	JRJ	UNIT, DRYING, High Temperature Oven, Dual Convection Oven, Infrared Fast Heating Drying Oven, Automatic Thermostatic X-Ray Film Dryer, Vacuum Oven, Dual Purpose (Oven/Incubator), Drying Oven, Forced-Air Drying Oven, Natural Convection Oven.
D508219	510(k) exempt	JQY	pH Meter, Electrochemistry & Titration, Benchtop pH Meter, Portable pH Meter, Online PH Meter, pH Meters.
D508218	510(k) exempt	JRK	EVAPORATOR, Rotary Evaporator, Evaporation System, Rotary Evaporator System.
D508217	510(k) exempt	FLH	WASHER OF BODY WASTE RECEPTACLES, Wall Mounted Shower and Eye Washer, Eye Washer, Vertical Emergency Eye Washer, Removable Eye Washer, Portable Eye Washer, Emergency Eye Wash Shower Room, Lab & Medical Furniture, Combination Shower & Eye Washer.

FDA

Listing No	Premarket Submission NO.	Code	Device Name
D508216	510(k) exempt	JJN	APPARATUS, ELECTROPHORESIS, FOR CLINICAL USE, Lab Ventilation Products, Cellulose Acetate Membrane Electrophoresis, Vertical Electrophoresis Cell, Electrophoresis & Imaging, Gel Imaging System, Fast SSR High-Throughput Electrophoresis Tank, Vertical Type, Horizontal Type, Laminar Flow Cabinet, Electrophoresis System, Horizontal Electrophoresis Tank, Electrophoresis Real-time Monitor, Electrophoresis Power Supply, Electrophoresis Cell, Blue Light Integrated Horizontal Electrophoresis Tank, Sequencing Electrophoresis Tank, 2D gel Electrophoresis system, Vertical Type.
D508156	510(k) exempt	GHO	HEMOCYTOMETER, Medical Device, Blood Cell Counter.
D508155	510(k) exempt	JRR	REGULATOR, TEMPERATURE, Dynamic Temperature Control System, Refrigerated and Heating Circulator, Low-temperature constant temperature bath, Medical Device, Low Temperature Circulator, Rotary Evaporator System, Vacuum Controller, Medical Temperature Controller Device, Thermostatic baths and circulators, Evaporation System.
D508154	510(k) exempt	KZA	DEVICE, VEIN LOCATION, LIQUID CRYSTAL, Medical Device, Vein Finder.
D508153	510(k) exempt	MLN	Electrode, electrocardiograph, multi-function, ECG Machine, Medical Device.
D508152	510(k) exempt	JJM	OSMOMETER FOR CLINICAL USE, Medical Device, Freezing Point Osmometer.

FDA

Listing No	Premarket Submission NO.	Code	Device Name
D508151	510(k) exempt	GIO	TUBE, COLLECTION, CAPILLARY BLOOD, Blood Collection Tube, Medical Consumables, Medical Device, PRP Tube.
D508150	510(k) exempt	IBJ	LIGHT, MICROSCOPE, Microscopes, Biological Microscope, Metallurgical Microscope, Teaching Microscope, Digital Microscope, Inverted Microscope, Polarizing Microscope, Stereoscopic Microscope, Fluorescence Microscope.
D508149	510(k) exempt	OOI	real time Nucleic acid amplification system, Molecular Biology Instruments, Isothermal Amplification System.
D508148	510(k) exempt	KZJ	DEVICE, GAS GENERATING, Molecular Biology Instruments, Anaerobic Incubators, Anaerobic Jar.
D508144	510(k) exempt	IDP	MICROTOME, CRYOSTAT, Cryostat Microtome, Microtome, Pathology Lab Solution, Fast Freezing Machine.
D508142	510(k) exempt	KPA	Slide stainer, automated, Slide Stainer, Pathology Lab Solution.
D508141	510(k) exempt	KET	FILTERS, CELL COLLECTION, TISSUE PROCESSING, Embedding system, Tissue Processor, Embedding heating plate, Tissue Embedding System, Pathology Lab Solution, Embedding cooling plate, Embedding machine.
D508140	510(k) exempt	KSE	REFRIGERATOR, FREEZER, BLOOD STORAGE, Car Refrigerator, Freezer, Blood Bank Refrigerator, Combined Refrigerator & Freezer, Chest Freezer, Portable Refrigerator, Ultra Low Temperature Freezer, Corpse Refrigerator, Refrigerator & Freezer, Cryogenic Freezer, Pharmacy Refrigerator, Solar Medicine Refrigerator.
D508139	510(k) exempt	IDX	SIEVES, TISSUE, Sieve Shaker, Sample Pre-Treatment Products.

FDA

Listing No	Premarket Submission NO.	Code	Device Name
D508138	510(k) exempt	LXG	<p>EQUIPMENT, LABORATORY, GENERAL PURPOSE, LABELED OR PROMOTED FOR A SPECIFIC MEDICAL USE, Moisture Balances, Tablet Friability Testers, Nucleic Acid Extraction, Emergency Trolley, Gelatin Testing, Egg Incubator, Glove Box, Platform Scales, Animal Lab Equipment, Lab Ventilation Products, Block Heater, Microplate Reader, Sieve Shaker, Balances, Nucleic Acid Extraction & Kits, Heating Incubator, Freeze Dryer, Chemical Storage Solution, Acrylic Glass Vacuum Atmosphere Protection Glove Box—Type C, Mould Incubator, IVC Cage, Stainless Steel Glove Box, Tablet Thickness Testers, Clarity Testers, Fume Hoods, BOD Incubator, Digital Viscometer, Sterilizing Oven, Air shower room, Autoclaves & Sterilizers, Aerosol Adsorption Air Purifier, Acrylic Glass Inert Gas Replacement Glove Box—Type B, Gas Cylinder Storage Cabinet, Illumination chamber, Isolator, Veterinary Hematology Analyzer, Molecular Biology Instruments, Incubators, IVC System, Pipettes, Homogenizers, Medicine Stability Testing Chamber, Sample Concentrators, CO2 Incubators, Nucleic Acid Extraction Kits, Sample Pre-Treatment Products, Dispensing Booth, Graphite Digester, Lab & Medical Furniture, Density Meter, Chemical Safety Cabinet, Liquid Dispenser, Ice Maker, Plant Growth Chamber, Thermal Cycler, Rat Cage, In Situ Hybridization, Analytical Balances, Acrylic Glass Simple Glove Box —Type A, Viscosity Baths, Shaking Incubator, Microplate Incubators, Precision Balances, Microplate Washer, Liquid Handling Products, Acid And Alkali Storage Cabinet, Pharmaceutical Testing, Ultrasonic Cleaners, PCR Workstation, Transparency Tester, Biological Safety Cabinets, Pass Box, Microplate Washer & Reader, Cooling Incubators, Tablet Hardness Testers, Disintegration Testers, Dissolution Testers, Intelligent Four-function Tablet Tester, Semi-Micro Balance, Microwave Digestion/Extraction System, Mechanical Analysis, Constant Temp. & Humidity Chamber, Labware Cleaning Device, Hospital Furniture, Climate Chamber.</p>

FDA

Listing No	Premarket Submission NO.	Code	Device Name
D508137	510(k) exempt	JRQ	SHAKER/STIRRER, Rocking Shaker, Shakers, Shaker, Mixer, Stirrers ,Magnetic Stirrers, Orbital Shaker, Linear Shaker, Hotplates & Stirrers, Conventional Hotplates, Roller Mixer, Shaker, Microplate Type, Mixer, Vortex Mixer, Overhead Stirrer, Combination Stirring Hotplates, 3D Shaker, Heating Mantles.
D508136	510(k) exempt	JDY	EVACUATOR, VAPOR, CEMENT MONOMER, Diaphragm Vacuum Pump, Vacuum Pumps, Vacuum Pumps & Filtration, Water Circulating Vacuum Pump.
D508135	510(k) exempt	JRL	UNIT, FILTER, MEMBRANE, Filter Funnel Manifolds, Vacuum Pumps & Filtration.
D508134	510(k) exempt	JTQ	BATH, INCUBATORS/WATER, ALL, Water Bath Oscillator, Oil Bath, Thermostatic Magnetic Stirring Bath, Transparent Water Bath, Water Bath.
D508132	510(k) exempt	JRS	PURIFIER, WATER (ABSORPTION, DEIONIZATION, MEMBRANE FILTER, REVERSE OSMOSIS), Water Purifier, Water Distiller, Water Purification, Ultra-pure Water Purifier.
D508131	510(k) exempt	LDM	INSTRUMENTATION, HIGH PRESSURE LIQUID CHROMATOGRAPHY, Liquid Chromatograph, Chromatograph.
D508130	510(k) exempt	JKT	Gas chromatograph, carbon-monoxide, Chromatograph, Gas Chromatograph .
D508128	510(k) exempt	JJQ	COLORIMETER, PHOTOMETER, SPECTROPHOTOMETER FOR CLINICAL USE, Spectrophotometer, UV Visible Spectrophotometer, Atomic Absorption Spectrophotometer, Fluorescence Spectrophotometer, Flame Photometer, Single beam UV Visible Spectrophotometer, NIR Spectrophotometer , Double beam UV Visible Spectrophotometer, Grating Spectrophotometer, Optical Instrument, Visible Spectrophotometer, Colorimeter.
D508127	510(k) exempt	EAX	MIRROR, MOUTH, ENT&Ophthalmology Diagnostic Equipment, Mouth Mirror.
D508126	510(k) exempt	ERA	OTOSCOPE, ENT&Ophthalmology Diagnostic Equipment, Otoscope.