



MOISTURE ANALYZER

MOISTURE ANALYZER BFT1C1 BFT1C2 BFT1C3

BASIC MOISTURE ANALYZER



1. 5 Inch touch screen
2. Real time testing curve
3. Standard/Fast/Soft Mode
4. Automatic/Manual/Timed stop mode
5. Silent fast cooling fan
6. Adaptive input voltage
7. Test frequency selection
8. Clock function
9. Historical test report

SPECIFICATIONS

Model	BFT1C1	BFT1C2	BFT1C3
Product Name	ME110	ME105	ME101
Capacity	110 g		
Readability	0.01 g	0.005 g	0.001 g
Sensor	Load Cell		
Pan Size	Φ100 mm (20pcs)		
Display	5 Inch touch screen		
Operate. Temp	5°C-35°C		
Heating Source	Halogen lamp		
Temp. Unit	PT-100-2		
Temp. Range	40°C-160°C		
Temp. Setting	1°C		
Moisture. Range	10.00%-90.00%	5.00%-95.00%	1.00%-100.00%
Moisture Readability	0.10%	0.05%	0.01%
Testing Range	10.00%-90.00%	5.00%-95.00%	1.00%-100.00%
DRY% Readability	0.10%	0.05%	0.01%
Storage	20		
Analysis Curve	Real time dynamic curve		
Testing Height	30mm		
LANGUAGE	EN/CN		
Power supplier	220V 50Hz / 110V 60Hz		
Dimension	340*215*170mm		
Packing Size	415*310*255mm		
G.Weight/N.Weight	4.0kg/3.5kg		
Alt Name	Basic Moisture Analyzer		

ACCESSORIES FOR PURCHASE

No	Name	Size	Material	Mat
1	Aluminum sample tray 1	Outer circle Φ 90mm Inner circle Φ 83mm Plate height 4mm	Aluminum	50 pieces/box

2	Temperature kit			
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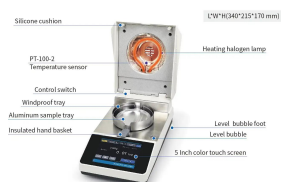
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FEATURES

1. 5 Inch touch screen
2. Real time testing curve
3. Standard/Fast/Soft Mode
4. Automatic/Manual/Timed stop mode
5. Silent fast cooling fan
6. Adaptive input voltage
7. Test frequency selection
8. Clock function
9. Historical test report



MOISTURE ANALYZER BFU1CL1 TO BFU1CL7

MOISTURE ANALYZER



1. LCD displays make operation easy and comfortable in the dark place.
2. One-button operation makes testing easier.
3. Provide 2 test modes of auto and timing
4. Supports PC connection. Wireless bluetooth printing is optional.
5. Can test the free water content of chemical raw materials, grain, mineral, biological product, food, pharmaceutical raw materials, paper, textile raw materials, etc.

SPECIFICATIONS

Model	BFU1CL1	BFU1CL2	BFU1CL3
Old Model	BANA-509	BANA-510	BANA-511
Weighing Range	10g	50g	
Readability	10mg	1mg	5mg
Repeatability (3g samples)	0.005	0.002	0.003
Minimum Sample Amount	0.5g		
Advised Sample Amount	3-5g		
Heat up time	1-99 minutes, 1 minute interval		
Temperature Program	Standard		
Heating Temp Range	50-160°C		
Display Content	Moisture%, Solid%, Weight, Time, Data etc		
Heating Source	Halogen Lamp		
Pan Size	100mm		
Dimension/N.W.	220x350x140mm/5kg		
Shipping size/G.W.	380x530x340mm/6kg		
Standard Accessories	Calibration Weight, Power Cable, Manual		
Alt Name	Moisture Analyzer		

Model	BFU1CL4	BFU1CL5	BFU1CL6	BFU1CL7
Old Model	BANA-512			
Weighing Range	50g	100g		
Readability	10mg	1mg	5mg	10mg
Repeatability (3g samples)	0.005	0.002	0.003	0.005
Minimum Sample Amount	0.5g			
Advised Sample Amount	3-5g			
Heat up time	1-99 minutes, 1 minute interval			
Temperature Program	Standard			
Heating Temp Range	50-160°C			
Display Content	Moisture%, Solid%, Weight, Time, Data etc			
Heating Source	Halogen Lamp			
Pan Size	100mm			
Dimension/N.W.	220x350x140mm/5kg			
Shipping size/G.W.	380x530x340mm/6kg			
Standard Accessories	Calibration Weight, Power Cable, Manual			

Alt Name	Moisture Analyzer
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MOISTURE ANALYZER BFT1F1 TO BFT1F5

HALOGEN MOISTURE ANALYZER



Moisture Analyzer BFT1F1
 Halogen lamp / HBM sensor
 Aluminum shell / Stainless steel chamber
 LCD (White back light with black font)
 Temperature / Time set
 The percentage of moisture content / Dry residual
 Store historical set
 Option: Aluminum box / Printer / Grinder / USB

SPECIFICATIONS

Model	BFT1F1	BFT1F2	BFT1F3	BFT1F4	BFT1F5
Old Model		BANA-50 1	BANA-50 2	BANA-50 3	
Capacity	110g				
Readability	0.01g	0.005g	0.002g	0.001g	
Operating Temp	5°C-35°C				
Display	Backlit LCD			High definition backlit LCD	
Calibration	External calibration				
Interface	RS232(Standard) USB(Optional)				
Pan Size	Φ90mm				
Packing Size	485*340*350mm				
Gross Weight	6.8kg				
Heating Unit	Halogen lamp-1			Halogen lamp-2	
Temp. Sensor	PT100				
Temp. Range	40°C-199°C				
Temp. Step	1°C				
Moisture Range	0.0%-100.0%	0.00%-100.00%			
Moisture Readability	0.2%	0.10%	0.04%	0.01%	
Dry Range	100.00%-0.00%				
Dry Readability	0.2%	0.10%	0.04%	0.01%	
Temp Setting	40°C-199°C By 1°C Step				
Time Setting	1-99min By 10s				
Number Of Storage	15				
Heater power	220V ±15% 50Hz / 110V ±15% 60Hz / 400W				
Balance power	Input:220V 50Hz / 110V 60Hz Output:9V				
Chamber Height	22mm				
Alt Name	Halogen Moisture Analyzer				

ACCESSORIES FOR PURCHASE

No	Name	Size	Material	Mat
1	Aluminum sample tray 1	Outer circle Φ 90mm Inner circle Φ 83mm Plate height 4mm	Aluminum	50 pieces/box
2	Portable aluminum box	48*44*24cm		
3	Temperature kit			



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FEATURES BFT1F1 BFT1F2 BFT1F3 BFT1F4

Halogen lamp / HBM sensor
Aluminum shell / Stainless steel chamber
LCD (White back light with black font)
Temperature / Time set
The percentage of moisture content / Dry residual
Store historical set
Option: Aluminum box / Printer / Grinder / USB



FEATURES BFT1F5

Halogen lamp / HBM sensor
Aluminum shell / Stainless steel chamber
High definition LCD
Highlight halogen lamp
Temperature / Time set
The percentage of moisture content / Dry residual
Store historical set
Option: Aluminum box / Printer / Grinder



MOISTURE ANALYZER BFU1CF1 TO BFU1CF4

MOISTURE ANALYZER



1. 4.3-inch color touch screen
2. Display real-time Curve
3. Provide 2 test modes of auto and timing
4. Supports PC connection. Wireless bluetooth printing is optional.
5. Can test the free water content of chemical raw materials, grain, mineral, biological product, food, pharmaceutical raw materials, paper, textile raw materials, etc.

SPECIFICATIONS

Model	BFU1CF1	BFU1CF2	BFU1CF3	BFU1CF4
Weighing Range	10g	50g		100g
Readability	10mg	1mg	5mg	1mg
Repeatability (3g samples)	0.5%	0.2%	0.3%	
Minimum Sample Amount	0.5g			
Advised Sample Amount	3-10g			
Heat up time	1-99 minutes, 1 minute interval			
Real-time Curve	Moisture%, Weight, Time			
Heating Temperature	50-160°C, 1°C interval			
Display Content	Moisture%, Solid%, Weight, Temperature, Time, Drying mode, Real-time Curve			
Heating Source	Halogen Lamp			
Heating Time	30 minutes			
Drying Mode	Standard heating/Fast heating			
Calibration	Weighing (external weight calibration) Temperature (special temperature equipment, factory calibrated)			
Output	USB drive, USB host, Bluetooth (optional)			
Ambient Temp.	10-30°C			
Ambient Humidity	≤75%			
Pan Size	90mm			
Dimension/N.W.	210x340x180mm/3kg			
Shipping size/G.W.	380x530x340mm/5kg			
Standard Accessories	Calibration Weight, Power Cord, Manual			
Alt Name	Moisture Analyzer			

MOISTURE ANALYZER BFT1G1 BFT1G2

MOISTURE REGAIN ANALYZER



Moisture regain of textile
 Test cotton, yarn, cloth, cashmere, silk, chemical fibrils...
 Stainless steel net-cover
 Highlight halogen lamp
 HBM sensor
 Aluminum shell
 Stainless steel chamber
 LCD (White back light with black font)
 Temperature / Time set
 The percentage of moisture regain
 Store historical set
 Option: Aluminum box / Printer

SPECIFICATIONS

Model	BFT1G1	BFT1G2
Capacity	110g	
Readability	0.005g	0.001g
Operating Temp	5°C-35°C	
Display	LCD	
Calibration	External calibration	
Interface	RS232	
Net Cover Size	Φ120mm	
Packing Size	485*340*350mm	
Gross Weight	7.0kg	
Heating Unit	Halogen lamp	
Temp.Sensor	PT100	
Temp.Range	40°C-199°C	
Temp.Step	1°C	
Regain Range	0.00%-+∞	
Moisture Readability	0.10%	0.01%
Temp Setting	40°C-199°C By 1°C Step	
Time Setting	1-99min By 10s	
Number Of Storage	15	
Heater power	220V ±15% 50Hz / 110V ±15% 60Hz/400W	
Balance power	Input:220V 50Hz / 110V 60Hz Output:9V	
Alt Name	Moisture Regain Analyzer	

ACCESSORIES FOR PURCHASE

No	Name	Size
1	Portable aluminum box	48*44*24cm
2	Temperature kit	



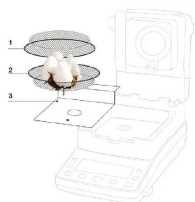
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FEATURES

Moisture regain of textile
 Test cotton, yarn, cloth, cashmere, silk, chemical fibrils...
 Stainless steel net-cover
 Highlight halogen lamp
 HBM sensor
 Aluminum shell
 Stainless steel chamber
 LCD (White back light with black font)
 Temperature / Time set
 The percentage of moisture regain
 Store historical set
 Option: Aluminum box / Printer



1.Stainless steel upper mesh cover
 2.Stainless steel lower mesh cover
 3.Stainless steel plate

MOISTURE ANALYZER BFT1H1

INFRARED MOISTURE ANALYZER



Infrared lamp / HBM sensor
 Aluminum shell / Stainless steel chamber
 High definition LCD
 Temperature / Time set
 The percentage of moisture content / Dry residual
 Store historical set
 Option: Aluminum box / Printer / Grinder

SPECIFICATIONS

Model	BFT1H1
Capacity	110g
Readability	0.001g
Operating Temp	5°C-35°C
Display	High definition backlit LCD

Calibration	External calibration
Interface	RS232
Pan Size	Φ90mm
Packing Size	485*340*350mm
Gross Weight	7.0kg
Heating Unit	Infrared lamp
Temp.Sensor	PT100
Temp.Range	40°C-160°C
Temp.Step	1°C
Moisture Range	0.00%-100.00%
Moisture Readability	0.01%
Dry Range	100.00%-0.00%
Dry Readability	0.01%
Temp Setting	40°C-160°C By 1°C Step
Time Setting	1-99min By 10s
Number Of Storage	15
Number Of History	5
Heater power	220V ±15% 50Hz / 110V ±15% 60Hz / 400W
Balance power	Input:220V 50Hz / 110V 60Hz Output:9V
Alt Name	Infrared Moisture Analyzer

ACCESSORIES FOR PURCHASE

No	Name	Size	Material	Mat
1	Aluminum sample tray 1	Outer circle Φ 90mm Inner circle Φ 83mm Plate height 4mm	Aluminum	50 pieces/box
2	Portable aluminum box	48*44*24cm		
3	Temperature kit			



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MOISTURE ANALYZER BFT1E1

HALOGEN MOISTURE ANALYZER



5 Inch touch screen / CN and EN switch
 Highlight halogen lamp / HBM sensor
 Aluminum shell / Stainless steel chamber
 Real-time dynamic curve / Date and Time
 Temperature / Time set
 The percentage of moisture content / dry residual
 Store historical set
 Option: Aluminum box / Printer / Grinder / USB

SPECIFICATIONS

Model	BFT1E1
Old Model	BANA-504
Capacity	110g
Readability	0.001g
Operating Temp	5°C-35°C
Display	5 Inch touch screen
Calibration	External calibration
Interface	RS232(Standard) USB(Optional)
Pan Size	Φ90mm
Packing Size	485*340*350mm
Gross Weight	6.8kg
Heating Unit	Halogen lamp-2
Temp.Sensor	PT100
Temp.Range	40°C-199°C
Temp.Step	1°C
Moisture Range	0.00%-100.00%
Moisture Readability	0.01%
Dry Range	100.00%-0.00%
Dry Readability	0.01%
Temp Setting	40°C-199°C By 1°C Step
Time Setting	1-99min By 10s
Number Of Storage	20
Number Of History	20
Heater power	220V ±15% 50Hz / 110V ±15% 60Hz / 400W
Balance power	Input:220V 50Hz / 110V 60Hz Output:9V
Alt Name	Halogen Moisture Analyzer

ACCESSORIES FOR PURCHASE

No	Name	Size	Material	Mat
1	Aluminum sample tray 1	Outer circle Φ 90mm Inner circle Φ 83mm Plate height 4mm	Aluminum	50 pieces/box
2	Portable aluminum box	48*44*24cm		
3	Temperature kit			



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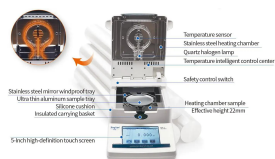


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FEATURES

5 Inch touch screen / CN and EN switch
 Highlight halogen lamp / HBM sensor
 Aluminum shell / Stainless steel chamber
 Real-time dynamic curve / Date and Time
 Temperature / Time set
 The percentage of moisture content / dry residual
 Store historical set

Option: Aluminum box / Printer / Grinder / USB



MOISTURE ANALYZER BFT1B1 TO BFT1B4

INTELLIGENT AUTOMATIC MOISTURE ANALYZER



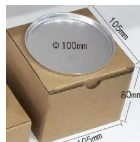
1. Sample name/Company/Contact information, etc. can be entered
2. Administrator/Operator Password access login
3. Date & Time / Store 200 historical sets
4. Built-in sample testing solutions
5. Available printed labels
6. WIFI/APP data association (Optional)
7. Without sample preheating / Temperature calibration
8. Automatic calibration period setting (Internal calibration)
9. Dual motor drive automatic dosing
10. GLP/GMP format record
11. CN and EN switch
12. Super silent fan

SPECIFICATIONS

Model	BFT1B1	BFT1B2	BFT1B3	BFT1B4
Product Name	T7	T7+	T7 Pro	T7 Pro+
Capacity	110g			
Readability	0.001g		0.0001g	
Sensor	HBM		Electromagnetic force	
Display	7 Inch touch panel			
Open Mode	Manual		Automatic	
Calibration	External calibration		Internal calibration	
Min Weighing	0.004g		0.0004g	
Test Temperature	40~200℃ 1℃ Step		40~200℃ 1℃ Step (Optional 230℃ 1℃ Step)	
Stable Time	≤3s			
Pan Size	Φ100mm			
Operation Temp	5~35℃			
Test Mode	Standard/Fast/Soft/Steps			
Shutdown Mode	Automatic/Manual/Timing			
Heating Mode	Halogen lamp			
Dimension	400*240*185mm			
Interface	RS232, USB (Optional)			
Store Data	200 sets of setting, 200 sets of test reports			
Packing Size	485*340*350mm			
Alt Name	Intelligent Automatic Moisture Analyzer			

ACCESSORIES FOR PURCHASE

No	Name	Size	Material	Mat
1	Aluminum sample tray 2	Outer circle Φ 100mm Inner circle Φ 92mm Plate height 6mm	Aluminum	80 pieces/box
2	Temperature kit			



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FEATURES

1. Sample name/Company/Contact information, etc. can be entered
2. Administrator/Operator Password access login
3. Date & Time / Store 200 historical sets
4. Built-in sample testing solutions
5. Available printed labels
6. WIFI/APP data association (Optional)
7. Without sample preheating / Temperature calibration
8. Automatic calibration period setting (Internal calibration)
9. Dual motor drive automatic dosing
10. GLP/GMP format record
11. CN and EN switch
12. Super silent fan

Easy to operate, time-saving, and efficient

1. Weight Checking first



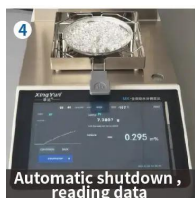
2. One click preheating



3. Sample testing



4. Automatic Shutdown, reading data



MOISTURE ANALYZER BFT1D1 TO BFT1D4

INTELLIGENT MOISTURE ANALYZER



- 7 Inch touch screen
- Automatic door / Transparent window
- Highlight halogen lamp
- Polymer materials / Heat resistant molding
- Dual motor drive / Double fan design
- Temp. control / Stainless steel chamber
- Real-time dynamic curve / Date and Time
- Temperature / Time set
- Store historical set
- The percentage of moisture content
- Connect PC and printer
- Option: Printer / USB

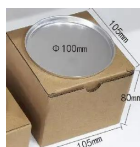
SPECIFICATIONS

Model	BFT1D1	BFT1D2	BFT1D3	BFT1D4
Old Model	BANA-505		BANA-507	
Capacity	110g		210g	
Readability	0.001g			
Operating Temp	5°C-35°C			
Pan Size	Φ100mm			
Heating Source	Halogen lamp			
Temp. Sensor	PT100			
Temp. Range	40°C-230°C			
Temp. Step	1°C			
Moisture Range	0.00%-100.00%			
Moisture Readability	0.01%			
Dry Range	100.00%-0.00%			
Dry Readability	0.01%			
Temp Setting	40°C-230°C By 1°C Step			
Time Setting	1-99min By 1s			
Number Of Storage	20			
Number Of History	20			
Heating Unit	220V ±15% 50Hz		110V ±15% 60Hz/400W	
Balance power	Input:220V 50Hz / 110V 60Hz Output:9V			
Machine power	Input: 220V 50Hz / 110V 60Hz Output:24V Dual-drive			
Host Dimension	415*215*195mm			
Indicator Dimension	200*135*80mm			
Operation Height	275mm			
The Chamber Height	35mm			

Display	7 Inch touch panel			
Interface	RS232(Standard)		RJ45/USB (optional)	
Communication Mode	Cable	Wireless	Cable	Wireless
Rechargeable Battery	No	10,000mAh	No	10,000mAh
Alt Name	Intelligent Moisture Analyzer			

ACCESSORIES FOR PURCHASE

No	Name	Size	Material	Mat
1	Aluminum sample tray 2	Outer circle Φ 100mm Inner circle Φ 92mm Plate height 6mm	Aluminum	80 pieces/box
2	Temperature kit			



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FEATURES

- 7 Inch touch screen
- Automatic door / Transparent window
- Highlight halogen lamp
- Polymer materials / Heat resistant molding
- Dual motor drive / Double fan design
- Temp. control / Stainless steel chamber
- Real-time dynamic curve / Date and Time
- Temperature / Time set
- Store historical set
- The percentage of moisture content
- Connect PC and printer
- Option: Printer / USB



High brightness halogen lamp



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