

AKA-11, Automatic Kjeldahl Analyzer

AKA-11

Characteristics:

- Automatic completion of distillation, titration, calculation, printing, waste discharge and cleaning.
- External titration cup design gives operator real-time control of the whole test process.
- Large LCD touch screen gives visual operation & abundant information, enabling user to have a good command of it.

Scope of application AKA-11 Auto Analyzer is widely used in food processing, feed production, tobacco, livestock, soil fertility, environmental monitoring, medicine, agriculture, scientific research, teaching, quality control & other fields for the test of nitrogen or protein content, can also be used for the test of ammonium, volatile fatty acid / alkali, & so on.

DIST-984, Auto Distiller

DIST-984 Auto Distiller is designed to determine nitrogen content of samples in the globally accepted Kjeldahl nitrogen determination method. Fully intelligent software is able to complete sample distillation within minutes. The distillation and condensation automatic cleaning system further enhances measurement precision. It is widely used in food processing, feed production, tobacco, livestock, soil fertility, environmental monitoring, medicine, agriculture, scientific research, teaching, quality control.



DIST-984

AKA-11 Auto Kjeldahl analyzer is an automatic device integrating distillation and titration functions designed based on classic Kjeldahl nitrogen determination method.

It's equipped with the latest core control system, powerful automatic degree and high-quality components, can easily achieve automatic waste discharge and cleaning of boiling tubes and titration cups, control steam supply and have real-time detection of condensation temperature.

High-accuracy charging pump and titration system ensure test results accuracy, and multiple fluid-level detection gives smooth test process.

Titration precision as high as 1.0 μ L/step AKA-11 Auto Kjeldahl analyzer has exclusive design i.e. linear motor micro-control titration system which ensures accurate results; the external use is easy for the observation of the whole titration process; the built-in high-sensitivity color sensing unit ensures accurate final point determination; extremely high-precision plunger titration unit achieves unprecedented precision as high as 1.0 μ L/step.

Brand new touch interaction system The powerful calculation function based on ARM microprocessor unit can be operated directly through the touch screen; powerful detection function has all test steps under real-time monitoring with status displayed in figures; solution barrel level detection function and high-grade pump effectively ensure correct solution supply; samples can be detected and classified by the system, and traditional test methods & parameters are built in & can be freely used in the test process.

Correct steam control New material PTC constant-temperature heating modules are used in the heating unit of the steam generation system, and the use of metallic heater speeds up the fluid boiling, ensuring the generation of a great deal of steam in a short period; digital electronic temperature measurement and mechanical temperature measurement provides the heating unit with double protections; customized steam pressure regulating valve guarantees the steam generation system safety and ensures uniform steam output; and steam flow is also adjustable with software system.

Model	AKA-11
Sample capacity	Solid \leq 5.00g/sample, liquid \leq 20mL/sample
Measuring range	0.1mg N - 200mg N
Analysis time	5 - 10 min/sample
Recovery	\geq 99.5%
Burette volume	1.0 μ L/step
Reproducibility	Average value relative error 0.5%
Storage capacity	1000 pieces
Interface	USB or RS485
Power supply / Power	220V 50Hz / 2KW
Water consumption in the distillation process	1.5L/min
Cooling water temperature	<20 $^{\circ}$ C
Ambient temperature	10 $^{\circ}$ C - 28 $^{\circ}$ C

Characteristics: Display: 5.1" LCD screen • Manual/automatic mode free changeover • Automatic alkali liquid quantification and filling • Automatic boric solution quantification and filling • Automatic or manual filling mode is optional according to test need • Distillation time can be set freely, and automatic alarming upon completion • Automatic cleaning of control system and distiller, ensuring high measurement accuracy • Perfect safety protection system gives distiller and tubes measurement and protection against over-temperature and over-pressure • Intelligent cooling water control system achieves cooling water control and test.

Model	DIST-984
Measuring range	0.1-200mgN (mg N)
Nitrogen recovery	\geq 99.5%
Repeat accuracy	\pm 0.5%(CV)
Sample weight	Solid<6g, liquid<16ml
Distillation speed	< 5min/sample
Distillation period	Can be set freely (within 1 hour)
Cooling water consumption	1.5 L/min
Power supply	220V 50Hz
Power / Max. power	2KW / 1300W
Volume	400mm \times 361mm \times 746mm



GD-52

GD-52, Graphite Digester

Model	GD-52
Temperature range	Room temperature ~480°C
Heating method	Infrared heating & high-purity graphite conduction
Temperature accuracy	±0.5°C (450°C)
Digestion capacity	20 samples can be processed at the same time
Heat insulation material	High-density aluminum silicate
Power supply	220V 50Hz
Power	3.6KW
Size	534mm×540mm×470mm

GD-52 Graphite Digester includes globally advanced high-temperature infrared tube radiation heating technology and microprocessor control platform, boasts accurate temperature control and quick temperature rise, has linear and curve two temperature rise modes, offers 20 digestion programs for the control of temperature rise curves.

The waste gas recycle system is able to absorb acidic smog and other harmful gases. It has graceful appearance, large LCD screen, diversified user-oriented automatic designs, ensures safe & reliable use, simple operation, ideal for high-temperature digestion.

It's mainly used for the digestion of samples of soil, feeds, plants, seeds and ores prior to chemical analysis in such fields as food, medicine, agriculture, forestry, environmental protection, chemical engineering, ecological industry, as well as universities & scientific research institutes.

Characteristics:

- Heating method: Graphite module is infrared heated, offering uniform heating, preventing heat loss to the maximum extent.
- Smaller average temperature difference inside furnace, consistent sample digestion effect and high heat transfer efficiency.
- Control method: Intelligent microprocessor offers 20 digestion programs, can set temperature and time gradient.
- Temperature control method: Program control, curve & linear temp. rises.
- Displaying system: Large LCD touch screen.
- Multiple protections against over-voltage, over-current, overheating, and so on.
- Historic information query function is available.
- Anti-corrosive technique is used in the whole body.
- Comfortable and free lifting and over-temperature alarming.
- Power is adjustable according to the setting method.



GD-22

GD-22, Graphite Digester

Model	GD-22
Temperature range	Room temperature ~450°C
Heating method	Infrared heating & high-purity graphite conduction
Temperature accuracy	±1°C
Digestion tube capacity	280ml
Processing capacity	20pcs
Heat insulation	High-density aluminum silicate
Power supply	220V 50Hz
Power	3.6KW
Size	534mm×453mm×218mm

GD-22 Graphite Digester includes globally advanced technology, features quick digestion, high efficiency and easy for use, etc., is widely used in such fields as food, medicine, agriculture, forestry, environmental protection, chemical engineering, biochemistry, as well as universities, research departments and so on, for sample digestion prior to the chemical analysis of soil, feed, plants, seeds, minerals etc., suitable for matching DIST-984 analyzer.

Optional accessories:

- WGCH-02 waste gas collection hood.
- Connect the digester to the waste discharger for the removal of acidic gases.

WGCH-02 characteristics:

- Full stainless steel casing.
- PTFE and FPM anti-corrosive materials are used for the connection parts, greatly increase its service life.
- U.S. Dupont FPM seal rings are used for sealing joints, offering high flexibility and corrosion resistance, excellent air-tightness, can minimize exhaust gas leakage.



WGCH-02

Characteristics:

- Continuously adjustable furnace temp., constant temperature control and simple operation.
- Smaller average temperature difference inside furnace, consistent sample digestion effect and high heat transfer efficiency.
- Its chamber is made of stainless steel, enjoying excellent corrosion resistance.
- The use of anti-corrosive parts enhances its service life.
- It enjoys multiple protections against over-voltage, over current, overheating, and so on.
- The sample is given uniform heating, to prevent heat loss to the maximum extent.
- Superior heater ensures temperature uniformity among the digestion holes.
- Double-casing design offer double insulations i.e. air and aluminum silicate thermal insulating layers.



FA-46

FA-46, Fat Analyzer

Model	FA-46
Measuring range	0-100%
Capacity per batch	6pcs./batch
Sample weight	0.5-15g (generally 2-5g depending on sample)
Solvent cup volume	80ml
Temperature range	Room temp.+5°C - 280°C
Temperature accuracy	±1°C
Solvent recovery	≥80%
Reproducibility	±1%
Power supply	220V 50Hz
Power	1000W

FA-46 Fat Analyzer is based on the Soxhlet extraction principle and integrates such functions as soaking, extraction, leaching, heating, condensation and solvent recovery. It features sealed metal bath heating with automatic temperature control, ensuring uniform heating and safe operation; six samples can be tested at the same time, and optimal temperature can be selected according to the difference between reagent boiling point & ambient temperature so as to achieve quick analysis; reagents can also be recycled to reduce test cost; and soaking, extraction and solvent recovery can be done in one step. Therefore, this device is characterized by reasonable design, stable performance, good reproducibility, high accuracy, easy operation, saving time and effort, and so on.

Scope of application:

FA-46 Fat Analyzer can quickly separate one substance from solid or semi-solid mixtures, can determine the soluble organic compounds contained in foods, feeds, medicines, soil, sludge, polymers, fiber products, petrochemical products, detergents, rubber, plastics and other materials.

For example:

1. Quickly and safely determines the fat in foods, feeds, grains and seeds.
2. Extracts the semi-volatile organic compounds, pesticides, herbicides, etc. from soil.
3. Extracts oils from waste water or sludge.
4. Extracts plasticizer from plastic, rosin from paper or paperboard, grease from leather, etc.
5. Digests, as pretreatment, the solid samples for the gas or liquid chromatography process.

Characteristics:

- Integral metal heating, wide scope and high precision of temperature control.
- Electric circuit is isolated from the extraction space, ensuring device security.
- Timer & timing functions are available.
- Over-temperature alarming and timer reminding functions are available.
- Triple alarms i.e. sound, light, LCD screen word prompts are available.
- Abundant interface contents give simultaneous display of given temp., actual temperature, given time and heating time.
- The lifting connection of linear bearing conduction technique gives smooth & comfortable lifting operation.
- Intelligent man-machine dialogue control system.
- Exclusive air insulation technique leaves the case in room temperature, has thermal insulation and temp. maintenance two functions.
- 5.1" LCD screen and microcomputer control system are adopted.

FA-5, Fat Automatic Analyzer

FA-5

Model	FA-5
Measuring range	0.1-100%
Capacity per batch	6pcs./batch
Sample weight	0.5-15g
Solvent cup volume	150ml
Temperature range	Room temp.+5°C - 300°C
Shortened extraction time	20-80%
Solvent recovery	≥85%
Reproducibility	Relative error 1%
Power supply	220V 50Hz
Power	2400W
Size	650mm x 348mm x 740mm

FA-5 Fat Analyzer, designed based on the Soxhlet extraction principle, is an automatic crude fat analyzer in which weight method is used to determine the fat content. Such five extraction methods as Soxhlet standard method (national standard), Soxhlet thermal extraction, thermal extraction, continuous flow and Soxhlet CH standard thermal extraction; extraction, leaching, solvent recovery and pre-drying four functions can be automatically achieved; one-piece metal bath heating is used, giving perfect heating effect; color touch screen and its concise interface design bring people new feeling; external operation panel and printing system are adopted; built-in ether leak detection device effectively prevents air pollution and well protects test safety.

FA-5, Fat Automatic Analyzer

Characteristics:

- Colorful and pleasing touch screen with concise interface design and external small-size operation panel provide easy operation & save space.
- Five exclusive extraction methods are at your option.
- Test process can be suspended or resumed at any time, offering flexible control.
- One-piece metal bath heating gives quick, uniform, stable & safe temperature rise.
- Wide scope of temperature control, applicable for the organic solvents with different boiling points.
- Independent timer and timing circulation system give accurate control of the test.
- External printing system is at your free choice and saves cost.
- Ether leak alarming ensures test operator safety at all times.
- Real-time monitoring of device abnormalities.
- Automatic cooling water control saves water & protects environment.
- Efficient solvent recovery system.

Five extraction methods and four functions

FA-5 fat analyzer boasts such five extraction methods as Soxhlet standard method (national standard), Soxhlet thermal extraction, thermal extraction, continuous flow and Soxhlet CH standard thermal extraction for user option, & such four automatic functions as extraction, leaching, solvent recovery and pre-drying. It's designed according to our investigation over 3000 users, well catering for user demands.

Powerful temperature control capacity

One-piece metal bath heating method is used, giving quick and uniform temperature rise; FA-5 dedicated timer and time control system enable user to easily obtain accurate test results.

Safe and eco-friendly

The built-in ether leak detection device, being subject to 500 rounds of tests, enjoys reliable safety performance; solvent recovery system and automatic cooling water control system show user and environment technology considerations, without worrying about any environment pollution during the test process.

Scope of application

FA-5 fat analyzer is widely used in agriculture, food, environment & industries and other fields, ideal for fat test in the food, fuel, feed and other industries, can also be used for the extraction or determination of soluble organic compounds in medicines, soil, sludge, detergents and so on.



FIA-6, Fiber Analyzer

Model	FIA-6
Measuring range	0.1-100%
Sample weight	0.5-3g (generally 1g)
Measuring capacity	6 samples/batch
Reproducibility	>1% in case of 1-30% fiber content
Accuracy	±0.1%
Power supply	220V 50Hz
Power	3.2KW
Overall Size	482mm x 560mm x 465mm
Weight	45kg

Characteristics:

- Advanced infrared heating manner gives high heating efficiency and excellent control property.
- U.S. Imported filter pump boasts high acid/alkali resistance, good stability and long service life.
- High-precision acid/alkali filter device maintains samples in good condition.
- Three pre-heating routes of acid/alkali distilled water can be controlled separately, and digestion heating is under separate control, easy for setting adjustment.
- Reagent pre-heating, adding, sample filtration back flushing and other functions are all under electric and automatic control.
- Six samples can be dealt with at the same time, and sample digestion time can be set freely.
- Stable, rapid and safe automatic filtration back-flushing effectively prevents sample blockage.
- 5.7" high-definition color LCD screen displays current test status; intelligent HMI is available.

Professional core parts: FIA-6 Fiber Analyzer uses u.s. imported high acid/alkali resistant long-life filter pump & high-precision acid/alkali filter device, achieves the breakthrough of internal essential parts: high-efficient infrared tube heating greatly enhances temperature control & heat efficiency.

Superior test assistant: FIA-6 Fiber Analyzer can deal with 6 samples at the same time, & the sample digestion time can be set freely: 3 pre-heating routes of acid/alkali distilled water can be controlled separately, giving extremely easy operation.

Intelligent software system: 5.7" high-definition color LCD screen display current working status, temp., time & other information: high-efficient infrared heating system includes 2 work modes which can be selected as needed: intelligent status locking function can prevent any accidents due to error operation: the limit of longest fluid adding time prevents solution overflowing arising from error operation.

FIA-6 Fiber Analyzer is an analysis Instrument used to test the crude fiber content of samples through acidic or alkaline hydrolysis, flushing and filter process. FIA-6 functions include automatic solution adding, automatic pre-heating and so on. Infrared tube heating is used, and high-precision soak extraction and filter ensure test precision; high-definition color LCD screen displays temperature and time.

FIA-6 Fiber Analyzer is applicable for the test of crude fiber contents of plants, feed foods and other agricultural products, and testing detergent fibers, cellulose, semi-cellulose, lignin and other relevant parameters.



MIA-SLP

MIA-SLP/MIA-SLP-A, Economy Milk Analyzers

MIA-SLP 30sec: Standard 30sec.

MIA-SLP 60sec: Standard 60sec.

MIA-SLP-A 30sec: Automatic 30sec.

MIA-SLP-A 60sec: Automatic 60sec.

MIA-SLP/ MIA-SLP-A Options & Accessories:

- MIA-EP: External Printer.
- MIA-HF: Measuring high fat samples (cream) up to 45% (High Density).
- MIA-DCP: Milk Data Collection Program.
- MIA-PH: pH measurement - function.
- MIA-CON: Conductivity measurement function.
- MIA-P: pH probe.
- MIA-EK: External keypad.
- MIA-USB: USB.
- MIA-RTC: Real time clock.

Consumables:

- MIA-B7: Buffer solution Ph 50 ml (pH7.00±0.01/20°C).
- MIA-B4: Buffer solution pH 50 ml (pH4.00±0.01/20°C).
- MIA-B5ms: Buffer solution conductivity 50 ml (5.02 (±5%) mS/cm (18±0.1°C)).
- MIA-ALC: Alkaline cleaning powder.
- MIA-ACC: Acidic cleaning powder.
- MIA-PAPER: Printer paper roll.

Model	MIA-SLP/MIA-SLP-A		
Measuring time	Measuring parameters	Standard complete	Additional options
60 Sec	FAT – 0.01% – 25% SNF – 3% – 15% Density – 1015 –1040kg/m ³ Proteins – 2% – 7% Lactose – 0.01% – 6% Water content – 0% – 70% Temp. of milk – 1°C– 40°C Freezing point – -0.400–0.700°C	1. Hoses-spare pipes-1/2pcs 2. Sample holders-plastic mugs-2 pcs 3. Switching adapter: input: 100-240 V~1.6A max. 50-60Hz 4. output: +12V 4.17A min. 5. Output power: 50-65W 6. Operation Manual 7. Standard Calibrations: Cow-Sheep-UHT 8. Cardboard Box 9. CD – Service pack	Ph option 0-14
30 Sec	Salts – 0.4 – 1.5% PH – 0 – 14 ±0,05% (option) Conductivity – 3 – 14 [mS/cm]±0,05% (option) Total solids – 0 –50% ±0,17(option)		Conductivity 3-14ms/cm
			Total Solids 0-50%



MIA-S

MIA-S/MIA-SA, Standard Milk Analyzers

Model	MIA-S/MIA-SA		
Measuring time	Measuring parameters	Standard complete	Additional options
90 Sec	FAT – 0.01% – 25% SNF – 3% – 15% Density – 1015 –1040kg/m ³ Proteins – 2% – 7% Lactose – 0.01% – 6%	1. Hoses-spare pipes-2pcs 2. Sample holders-plastic mugs-2 pcs 3. Switching adapter: input: 100-240 V~1.6A max. 50-60Hz 4. output: +12V 4.17A min. 5. Output power: 50-65W 6. Operation Manual 7. Standard Calibrations: Cow-Sheep-UHT 8. Cardboard Box 9. CD – Service pack	Ph option 0-14
50 Sec for SA 60 Sec for S	Water content – 0% – 70% Temp. of milk – 1°C– 40°C Freezing point – -0.400 –0.700°C Salts – 0.4 – 1.5% PH – 0 – 14 ±0,05% (option) Conductivity – 3 – 14 [mS/cm]±0,05% (option)		Conductivity 3-14ms/cm
30 Sec for S	Total solids – 0 –25% ±0,17(option)		Total Solids 0-25%

MIA-S: Standard. **MIA-SA:** Standard Automatic.

embedded printer • embedded keypad
 • integrated weight scales • additional serial printer • matrix printer (option) • external keypad (option) • peristaltic pump – automatic cleaning • knee-joint (mobile) input pipe • adjustable to the input pipe pH probe holder • possibility of using different sample holders • integrated pH & conductivity measuring • self calibration without computer.



MIA-CC

MIA-CC, Milk Collecting Center

Model	MIA-CC		
Measuring time	Measuring parameters	Standard complete	Additional options
50 sec	FAT – 0.01% – 25%(option 45 %) SNF – 3% – 40% Density – 1000 –1160kg/m ³ (1160 kg/m ³ option) Proteins – 2% – 15% Lactose – 0.01% – 20% Water content – 0% – 70% Temp. of milk – 5°C– 40°C Freezing point – -0.400 -0.700°C	1. Hoses-spare pipes-2pcs 2. Sample holders-plastic mugs-2 pcs 3. Switching adapter: input: 100-240 V~1.6A max. 50-60Hz 4. output: +12V 4.17A min. 5. Output power: 50-65W 6. Operation Manual 7. Standard Calibrations: Cow-Sheep-UHT 8. Cardboard Box 9. CD – Service pack	Ph option 0-14 Conductivity 2-14ms/cm Total Solids 0-50% High Fat 45% High Density
30 sec	PH – 0 – 14 ±0,05% (option) Conductivity – 2 – 14 [mS/cm] ±0,05% (option) Total solids – 0 –50% ±0,17(option) Kg From 0 – 150 kg ±0,10 kg (option)		Integrated scales Accumulator with charger Real time clock Remote display

Environmental Conditions:

Ambient air temp. – 10°C – 40°C (option 43°C) • Milk temp. – 1°C – 40°C • Relative humidity – 30% – 80%

Electrical Parameters: AC Power Supply voltage – 220V/110VDC •

Power Supply voltage – 12V to 14,2V • Power Consumption – 30W max.

Mechanical Parameters: DIM.: W290xD300xH330mm • Weight < 5 kg.



MIA-LA

MIA-LA, Laboratory Automat Milk Analyzer

peristaltic pump – automatic cleaning • knee-joint (mobile) input pipe • adjustable to the input pipe pH probe holder • possibility of using different sample holders • possibility of connecting pH probe • integrated pH and conductivity measuring • self calibration without computer. Key features: User-friendly: simple in operation, maintenance, calibration and installation • Portable and compact design • Very small quantity of milk required • Low power consumption • No use of hazardous chemicals • One year full warranty • Measuring accuracy adjustment can be done by the user RS 232 Interface • ESC POS Printer Support • 2 samples self-calibration.

Model	MIA-LA		
Measuring time	Measuring parameters	Standard complete	Additional options
50 sec	FAT – 0.01% – 25%(option 45%) SNF – 3% – 40% Density – 1000 –1160kg/m ³ (1160 kg/m ³ option) Proteins – 2% – 15% Lactose – 0.01% – 20% Water content – 0% – 70% Temp. of milk – 5°C– 40°C Freezing point – -0.400 –0.700°C	1. Hoses-spare pipes-2pcs 2. Sample holders-plastic mugs-2 pcs 3. Switching adapter: input: 100-240 V~1.6A max. 50-60Hz 4. output: +12V 4.17A min. 5. Output power: 50-65W 6. Operation Manual 7. Standard Calibrations: Cow-Sheep-UHT 8. Cardboard Box 9. CD – Service pack 10. Sample visualization on LED display.	Ph option 0-14 Conductivity 2-14ms/cm High Fat 45% High Density Total Solids 0-50%
30 sec	Salts – 0.4– 4% PH – 0 – 14 ±0,05% (option) Conductivity – 2 – 14 [mS/cm]±0,05%(option) Total solids – 0 –50% ±0,17(option)		Integrated scales Accumulator with charger Real time clock Remote display

Environmental Conditions:

Ambient air temp. – 10°C – 40°C (option 43°C) • Milk temperature – 1°C – 40°C • Relative humidity – 30% – 80%

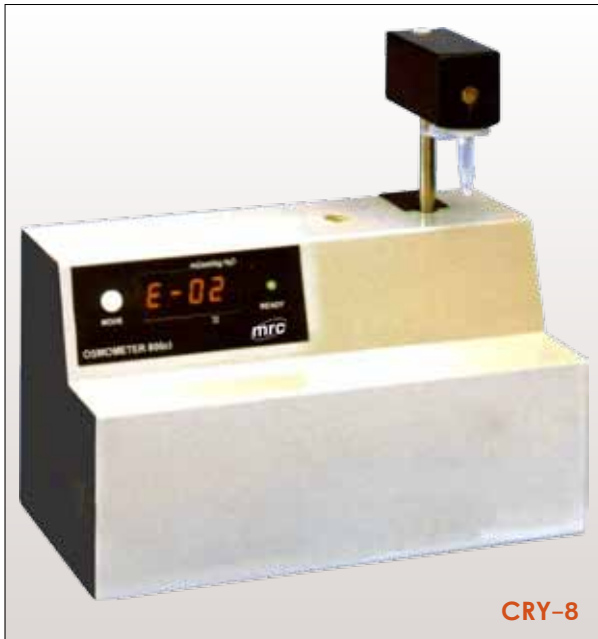
Electrical Parameters: AC Power Supply voltage – 220V/110VDC • Power Supply voltage – 12V to 14,2V • Power Consumption – 30W max.

Mechanical Parameters: DIM.: W250x-D290xH300mm • Weight < 4 kg.

This option is available for 60 sec measurement speed

Thermostatic test device for Eclipse 50 and Twin sensor test kits		Thermostatic test device (with timer)	159-1-000010 Eclipse 50 (96 tests in a box) – test for detection of inhibitor substances in milk	
			159-1-000011 Antibiotics detection test kits (β-lactam+Tetracycline detection) Twin sensor BT (24 tests in a box) (without a Pipette)	

CRY-8, Cryoscope



Features and Benefits:

● Freezing Point Analyzer for Milk

The CRY-8 is a modern digital analyzer for the accurate determination of the freezing point temperature in samples of raw milk or milk products (skimmed, pasteurized or UHT-milk).

The most objective indicator for the degree of falsification of milk by additional water is the raising of the freezing point temperature from > -0.512 °C. The CRY-8 complies fully with the international standard ISO 5764/2002(E), IDF 108/2002(E) "Milk" - Determination of Freezing Point - Thermistor Cryoscope Method (Reference Method) and Annex C without the necessity to correct the results to the reference method.

The analyzer measures temperatures in the range from below -0.512 °C (pure milk) to -0.527 °C in increments of 0.001 °C.

● Peltier Effect

The measuring principle is the freezing point detection of super cooled liquids based on the Peltier Effect. On the cold side of an Peltier element the milk samples are cooled down below the freezing point in the range 0 to -7 °C.

● 1-Point Calibration

One-point calibration –the instrument requires for calibration only one distillation water sample. Measurement corrections are done automatically & entered into

the microprocessor memory. It is an outstanding advantage of the CRY-8, that calibration is performed in ONE POINT ONLY. In comparison with this, competitive analyzers do need 2 or 3 different calibration points.

Once the CRY-8 is calibrated, the CALIBRATION REMAINS STABLE the whole day AS LONG AS THE INSTRUMENT STAYS SWITCHED ON.

● Aqua Dest - Calibration

The CRY-8 does not need expensive calibration solutions except distilled water for the zero point. These features, 1-POINT CALIBRATION and AQUA DEST-CALIBRATION ARE UNIQUE in the market and they CONTRIBUTE TO SAVING LABOR TIME AND COSTS FOR PURCHASE and STORAGE OF EXPENSIVE CALIBRATION STANDARDS.

● 100µl Sample Volume & disposable measuring vessel

Precise measuring results from only 100µl sample make the CRY-8 disposable measuring vessels not require washing and sterilization.

● Easy Operation

After the samples in 1.5ml tubes are inserted into the measuring position the instrument PERFORMS AUTOMATICALLY THE MEASURING PROCEDURE. FUNCTION CONTROL and ERROR IDENTIFICATION are also automatically done by the instrument. High accuracy (± 0.002 °C) and repeatability (± 0.002 °C) of results. Short measuring time ca 1.5 min. Digitally readout of temperature °C and %H₂O with printout. The printer can be adapted via RS 232 data port.

● Simple Installation

The CRY-8 is air cooled and does not need any connection to cooling water.

● Robust Housing

The sheet metal housing with epoxy lacquer paint ensures UTMOST MECHANICAL and CHEMICAL RESISTANCE to the laboratory environment.

● Small Dimensions

Small instrument weight and dimensions, big resistance to vibrations and hard working conditions (humidity max 85%, ambient temp. 36°C) make the CRY-8 from well applicable in stationary and field conditions.