



ARKAYBIOTRONICA

Selling Application, Not an Instrument

Dear Valuable Customer,

Greetings !!!

We ARKAY BIOTRONICA is one of the Leading Supplier & JV Based Manufacturers of various Laboratory Instruments catering wide range of industrial and research applications.

We always try to sell an application which actually gives the solution to customer with technology wise and also commercial wise.

Looking forward to your valuable enquiry from the highlighted unique products enclosed in this catalogue.

Striving through innovations and technologies.



**LAB MODEL / RESEARCH TYPE LYOPHILIZER
FREEZE DRYER**



**INDUSTRIAL / HIGH
PRODUCTIVE LYOPHILIZER**



**HOME MODEL /
PRODUCTIVE LYOPHILIZER**



**ULTRA LOW
DEEP FREEZER**

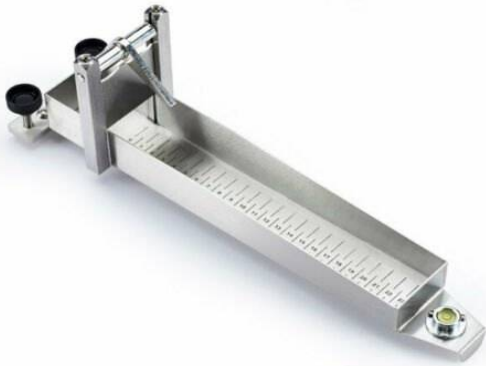


**HUMIDITY / ENVIRONMENT /
CLIMATIC CHAMBER**



STOMACHER





BOSTWICK CONSISTOMETER



DIGITAL VISCOMETER



FRUIT PENETROMETER



TINTOMETER



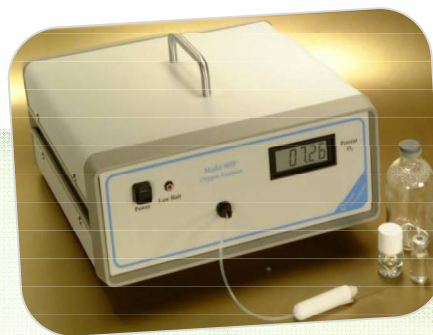
MOISTURE ANALYZER



**FRUITS / VEGETABLE
NITRATE TESTER**



MILK ANALYZER



HEADSPACE OXYGEN ANALYZER



**COOKING OIL TESTER
TPM TESTER**



PORTABLE / LAB TYPE INSTRUMENTS



**BRIX METER /
BEVERAGE /
DRINKS /
FRUIT JUICE /
PULP**



HONEY MOISTURE



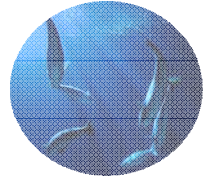
**BUTYRO – BR REFRACTOMETER
GHEE/BUTTER/ EDIBLE OIL**



**AUTOMOBILE: CUTTING OIL /
COOLANT OIL / ENGINE OIL /
GLYCOL METER / DEF / UREA /
BATTERY ELECTROLYTE /
ETHANOL METER**



SALT METER



AQUA CULTURE



**CLINICAL
REFRACTOMETER**



**ANALOG / DIGITAL ABBE REFRACTOMETER
&
ANALOG / DIGITAL POLARIMETER**

**PORTABLE / TABLETOP
MULTI PARAMETER
pH / COND / DO / SALINITY / TDS..**

**CO2 GAS
PURITY TESTER**

INDOOR AIR QUALITY MONITORING





PROCESS ANALYZERS

- ✓ Process Online Brix analyzer / Sugar Analyzer
- ✓ Alcohol Analyzer in Bio-diesel process
- ✓ H₂O₂, NaCl, NaOH & chemical Conc. Analyzer
- ✓ pH/ ORP Analyzer / Conductivity Analyzer
- ✓ Fermentation monitor (pH/DO)
- ✓ Sea water Baume analyzer
- ✓ Salt Analyzers/ Salinity Analyzer,
- ✓ Density Meter
- ✓ Gas Detectors &
- ✓ Industrial Emission monitoring / Analyzers.



Preparation



Concentrates & syrups

Measure the Brix of the concentrate to estimate ratios for reconstitution.



Fermentation (wine, beer, soy sauce)

Brix decreases as sugars are converted to alcohol.



Breweries

Measure wort levels when boiling (on a bypass from the main tank).



Dairy

Evaluate solids in condensed and evaporated milk, as well as other processed dairy products.



Sugar cane & sugar beets

Check Brix during both extraction and refining.



Starch & sizing liquids for paper manufacturing

Sizing liquids prevent ink from smearing on paper. The concentration must be adjusted according to the type of paper.

Packaging



Soft drinks & fruit juices

Check consistency before final fill and shipment.



Coffee extracts

Evaporation will raise the Brix to your target level.



Invert sugar, cornstarch

Use the user scale to differentiate between batches of Brix and invert sugar.



Coolants & antifreeze

Glycols must be prepared to the proper strength to ensure a sufficiently low freeze point.



Sodium hydroxide solution

Sodium hydroxide and other alkaline solutions are used for wash solutions, soap manufacturing, and neutralizing acids.



Medicines

Check the final concentration of liquid medicines to ensure compliance.



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