KEM SET for **FOOD**

Salinity

Brix
Density
Concentration

Acid Value
POV

Water Content

Vitamin C

KEM KYOTO ELECTRONICS
MANUFACTURING CO., LTD.

KEM SET
for FOOD

Acid Value / POV

Salinity   Vitamin C

KEM SET A

Automatic Potentiometric Titrator
High-end Model

KEM SET B

Automatic Potentiometric Titrator
Popular Model

KEM SET C

Automatic Potentiometric Titrator
Low-cost Model

KEM SET D

Density / Specific Gravity Meter

KEM SET E

Refractometer

Brix

Density / SG   Concentration

Easy Operation

Convenient & Popular 6 Models

Simple &

Easy Testing

All-in-one Configuration

Budget-friendly

Water Content

KEM SET F

Karl Fischer Moisture Titrator
(Volumetric)

Automatic Potentiometric Titrator **AT-710M**

KEM SET

A High-end Model

- Easy Operation on Touchscreen
- Real-time Titration Curve
- Steps for Full Stroke: 20,000 steps
- GMP, GLP
- Rich Line-up of Electrode

Salinity: Combined silver electrode C-373
Acid Value: Combined glass electrode C-171 (aqueous)
Acid Value: Combined glass electrode C-173 (non-aqueous)
POV: Combined platinum electrode C-775
with POV titration unit
Vitamin C: Combined platinum electrode C-272

CE

Unique flexibility

4-ch Concurrent Measurement Saves Time, Space, and Cost

Connecting Automatic Potentiometric Titrator, Karl Fischer Moisture Titrator,
enables multiple simultaneous titration operations!

Automatic Potentiometric Titrator **AT-710S**

KEM SET

B Popular Model

- Easy Operation on Touchscreen
- Real-time Titration Curve
- Steps for Full Stroke: 20,000 steps
- GMP, GLP
- Rich Line-up of Electrode

CE

Automatic Potentiometric Titrator **AT-710B**

KEM SET

C Low-cost Model

- Easy Measurement
- Budget-friendly Model
- Steps for Full Stroke: 20,000 steps
- Rich Line-up of Electrode

CE

Multiple Sample Changer **CHA-600-12**
CHA-600-18

12 samples with 2-way rinse systems for non-aqueous samples
12 or 18 samples for aqueous samples
∗ For use with AT-710B, PC with AT-Win is required.

C€

Multiple Sample Changer **CHA-700**

Different measurement methods from one rack to another
Space-saving compact design

C€

Exchangeable Burette Unit **EBU-710**

Eliminate the hassle for replacement of titrant
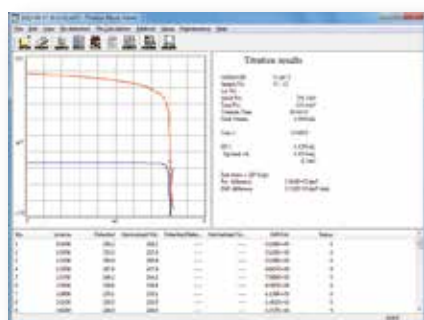& contamination risk

1st burette
(Standard)

Additional Burette (2nd Burette)

Hassle free & Eliminate contamination risk

2nd burette
(Optional)

Windows software for AT-710 series
AT-Win

Easier operation from your PC
Measurement data saved in your PC

Density / Specific Gravity Meter **DA-6xx Series**

KEM SET
D

- Oscillating U-tube Method
- Measuring Range 0 to 3 g/cm^3
- Accuracy DA-650 ±2×10^{-5} g/cm^3
           DA-645 ±5×10^{-5} g/cm^3
           DA-640 ± 1×10^{-4} g/cm^3
- Temp. Control: 0 to 96 deg C
- Viscosity Correction

C€

KEM is world's only manufacturer of both Density meters / Refractometers and Standard Liquids.

Refractometer **RA-600**

KEM SET
E

- Measuring Range (nD):
       1.3200 to 1.7000
- Accuracy(nD) ±1×10^{-4}
- Temp. Control: 5 to 75 deg C
- Easy Operation & Maintenance free
- Abbe meas. scale can be viewed
- Easy Operation on Touchscreen

C€

Portable Density / Specific Gravity Meter
DA-130N

- Measuring Range 0.0000 to 2.0000 g/cm^3
- Measuring Temperature 0 to 40.0 deg C
- Accuracy ±1x10^{-3} g/cm^3
- Battery-operated
- One-handed Operation

CE

Portable Brix Meter
BX-1

- Measuring Range: 0.0 to 85.0 %
- Accuracy: ±0.2% Brix
- Easy to maintain with washing by water
- Measurement time within 2 seconds
- 30,000 times long battery time

CE

Optional Kits for
KEM SET D·E

- JCSS-accredited Standard Liquid
  For evaluating the reliability of DA & RA

- Auto Clean & Sampling Unit **DCU-551 series**
  For high-viscosity samples (Up to 50,000mPa·s)
  Easier measurement & Time-saving

CE

- Multiple Sample Changer **CHD-502 series**
  For high-viscosity samples (Up to 50,000mPa·s)
  30 samples
  Save operation steps

CE

Karl Fischer Moisture Titrator (Volumetric method) **MKV-710B**

KEM SET
F

- ▸ Measuring Range 0.1mg to 500mg H_2O
- ▸ Easy Operation
- ▸ Simple Measurement
- ▸ Connecting AT-710M Automatic Potentiometric Titrator enables multiple simultaneous titration.

$C\epsilon$

Optional Kits for
KEM SET **F**

NON- $C\epsilon$

- ▸ Heat Extractor for Sugar Samples
  ### **ADP-344**
  Convenient device for sugar-containing samples
  Such as chocolates and candies

- ▸ Karl Fischer Reagent **KEMAQUA series**
  Titrant & Solvent

- ▸ Water standard **KEMAQUA series**
  For evaluating the reliability of KF Moisture Titrators

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