



Salinity

Acid Value

Vitamin C

Brix

Water Content

KEM SET for Food **Simple & Easy Testing**



KEM SET for Food

Simple & Easy Testing

Convenient
& Popular
6 Models

Preprogrammed
Method

Budget-
friendly

Easy
Operation

All-in-one
Configuration

KEM SET-A

Salinity

Acid Value

Vitamin C

Potentiometric Titrator
<High-end Model>

KEM SET-B

Salinity

Acid Value

Vitamin C

Potentiometric Titrator
<Popular Model>

KEM SET-C

Salinity

Acid Value

Vitamin C

Potentiometric Titrator
<Low-cost Model>

KEM SET-D

Brix

Density Meter

KEM SET-E

Brix

Refractometer

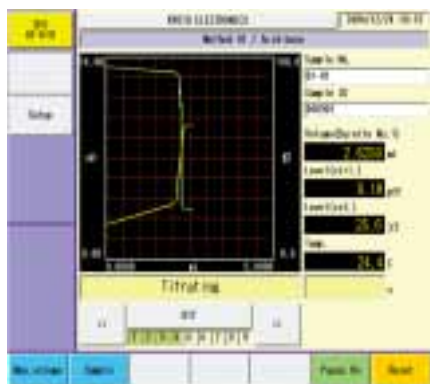
KEM SET-F

Water Content

Karl Fischer Moisture Titrator
(Volumetric)

www.kyoto-kem.com

京都电子中国-可睦电子(上海)商贸有限公司(KEM China)
TEL: +86-21-54488867 E-Mail: kemu-kem@163.com



Salinity

Acid Value

Vitamin C

KEM SET-A
High-end Model

CE

AT-610



- Easy Operation on Touchscreen
- Real-time Titration Curve
- High-precision Burette
- GMP, GLP
- Protection Film for Touchscreen
- Display Angle Adjustable
- Incl. Every Necessary Electrode
- Steps for Full Stroke: 20,000 steps

Optional Kits for KEM SET-A

- Recommended consumables for 2 years include:
 - ✓ Protection film
 - ✓ Tubes
 - ✓ Cylinder with 20mL piston (incl. piston head)
- Can be connected with KEM Karl Fischer Titrator
 - ✓ Simultaneous titrations
 - ✓ Coulometric or volumetric



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KEM SET-B
Popular Model

Salinity

Acid Value

Vitamin C

CE

AT-510

- Simple Measurement
- Real-time Titration Curve
- High-precision Burette
- GMP, GLP
- Steps for Full Stroke: 20,000 steps



Optional Kits for KEM SET-A/-B

- Multiple Sample Changer
(CHA-500-12 / CHA-600-12)
 - ✓ Up to 12 samples with rinse systems
 - ✓ Easier measurement & time-saving tool



CE

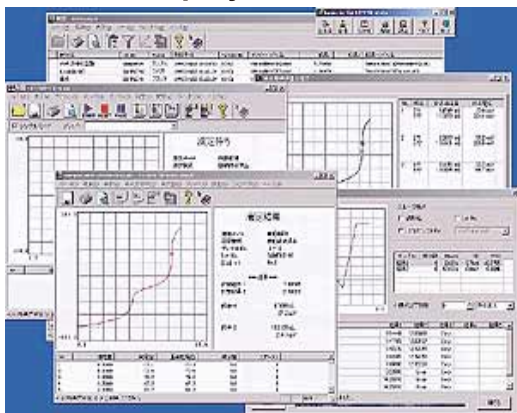
CHA-500-12



CE

CHA-600-12

AT-Win Display



- AT-Win (Software)
 - ✓ Easier operation from your PC
 - ✓ Measurement data saved in your PC

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CE

AT-500N



Salinity

Acid Value

Vitamin C

KEM SET-C
Low-cost Model

- **Easy Operation**
- **Simple Measurement**
- **Budget-friendly Model**
- **High-precision Burette**
- **Steps for Full Stroke: 20,000 steps**

Electrodes Included in KEM SET-A/-B/-C

1. Salinity

98-100-C373 Combined Silver Electrode

2. Acid value (Aqueous)

98-100-C171 Combined Glass Electrode

3. Vitamin C

98-100-C272 Combined Platinum Electrode

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DA-5xx Series



- **Brix Measurement**

by Density Meter

- **Measuring range 0-3g/cm³**
- **Accuracy $\pm 5 \times 10^{-5}$ g/cm³**

KEM SET-D
Brix



☺ **KEM is the world's only manufacturer of both Density Meters and Standard Liquids.**

KEM Portable Models – Another choice to Check Brix



- **Brix Measurement**

by Portable Density Meter

- **Measuring Range: 0 -2 g/cm³**
- **Measuring temperature: 0-40 deg C**
- **Battery-operated**
- **One-handed Operation**
- **Simple Measurement**



DA-130N

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● Brix Measurement by Refractometer

RA-600

KEM SET-E
Brix

- Range (nD): 1.3200 to 1.7000
- Sample Temp.: 5 to 75 deg C
- Easy Operation on Touchscreen

☺ KEM is the world's only
manufacturer of both
Refractometers and
Standard Liquids.

KEM Portable Models – Another choice to Check Brix



RA-250HE

● Brix Measurement by Portable Brix Meter

- Brix Range 0 to 60 %
- Resolution: 0.1% Brix
- Precision: $\pm 0.2\%$ Brix

- Easy to maintain with washing by water
- Measurement time within 2 seconds
- 30,000 times long battery time

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- **Water Content Analyses by Karl Fischer Moisture Titrator**
- **Volumetric Method**

KEM SET-F **Water Content**

- **Range 0.1mg to 500mg H₂O**
- **Easy Operation**
- **Simple Measurement**
- **High-precision Burette**

CE

MKS-500



Optional Kits for KEM SET-F

- **Recommended consumables for 2 years include:**

- ✓ **Twin Platinum Electrode/KF**
- ✓ **KF Grease (5g)**
- ✓ **Silica Gel (500g)**



(NON-CE)

- **Heat Extractor for Sugar Samples (ADP-344)**
- ✓ **Convenient device for sugar-containing samples**
- ✓ **Such as chocolates and candies**

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