CN153

KEM

Ready for any situation!
The lightest portable in its class.

Ultralight at 310g!

Designed for effortless portability,
whether in the lab or in the field.

Easy-to-Read Display

Equipped with a large 2.4-inch color display.
The high-contrast screen provides excellent
readability, presenting essential information
clearly at a glance.

QR Code Result Display Japanese Patent No. 7900068

Display measurement results as a QR code,
for quick and accurate data capture.

Effortless Sampling

Reduces aspiration & dispensing effort by 25%.
Viscous or limited-volume samples
can be sampled easily by syringe.

1.5× Longer Battery Life!

Approx. 1.5× longer battery life with two AA batteries.*
The device can also be powered by USB.

*Tested under KEM's standard conditions.



Portable Density/Specific Gravity Meter

DA-135

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DELTA LABO

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FEATURES & SPECIFICATIONS

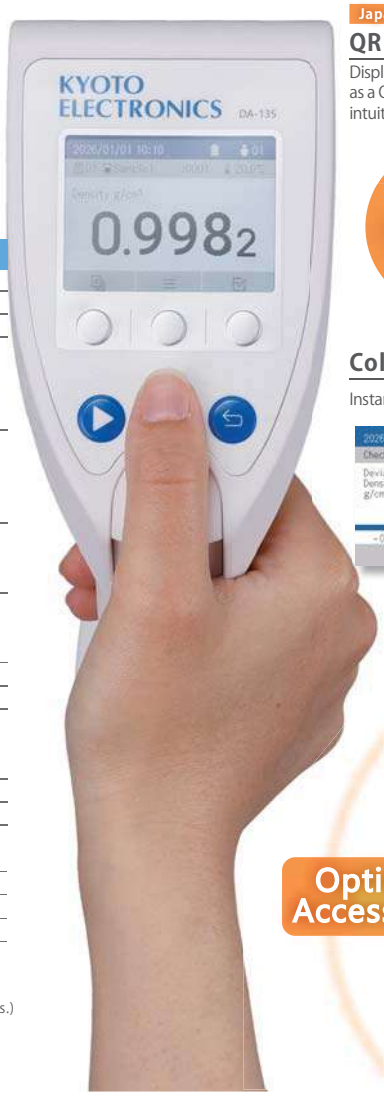
One-Touch Measurement! A Large 2.4-inch Display & An Intuitive, Streamlined UI

Confidence

PIN Protection

Prevent setting changes, result deletion, & other undesired actions with a PIN lock. Measurements, Accuracy Checks, & Measurement Log access remain available while locked.



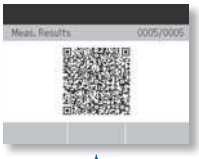


Japanese Patent No. 7900068

QR Code Result Display

Display measurement results as a QR code for quick, intuitive data capture.

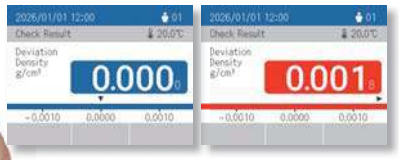
Intuitive



Scan Me!

Color-Coded Results

Instantly identify if results are within acceptable range.



Specifications	
Model	DA-135 Portable Density/Specific Gravity Meter
Principle	Resonant frequency oscillation
Density	1) Meas. Range : 0 to 3 g/cm³ 2) Repeatability *1 : 0.0005 g/cm³ 3) Reproducibility *1 : 0.0007 g/cm³ 4) Accuracy *1 : 0.001 g/cm³ *2 5) Resolution : 0.0001 g/cm³
Temperature	1) Meas. Range : 0 to 50 °C 2) Accuracy : ± 0.2 °C *3 3) Resolution : 0.1 °C 4) Operating Environ. : -10 to 50 °C *4
Sample Viscosity	For Low (≤1000mPa・s) : Internal Syringe For High (≥1000mPa・s) : Commercially sourced plastic syringe *5
Measurement Targets	Density, Temp-comp Density, SG, Temp-comp SG, Brix, Alcohol, H_2SO_4, API, Baumé, Plato, Proof, User-Defined Concentration Conversion Formula
Min Sample Vol.	2 mL
Material contacting sample	PP, borosilicate glass, PFA, FFKM, PPS, FKM
Data Storage	Meas. Data: 1250, Calib. Data: 50 Check Meas. Data: 50, Methods: 30 Sample IDs: 250, Users: 10
Interface	USB Type-C (PC)
IP Grade	IP54
Power	1) 2 x 1.5V Alkaline AA Batteries (LR06) 2) USB Type-C Bus Power
Dimensions	76 (W) × 116 (D) × 228 (H) mm
Mass	Approx. 310g
Languages	English, Chinese
Standards	ASTM D 1250, ASTM D 7777, IP 559, ISO 15212-1

*1 Based on ISO 5725 (Tested under KEM's standard conditions.)
*2 Viscosity <300 mPa・s, Density <2 g/cm³
*3 Tested under KEM's standard conditions
*4 The sample must not freeze in the specified cell
*5 Requires the optional syringe adapter set, sold separately.

Optional Accessories

Housing Cover

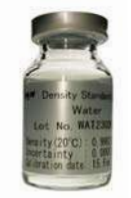
Protects your meter from scratches and prevents it from getting dirty.
Attach a wrist strap for easier, more secure carrying.



Carry Case

Easily stores equipment and consumables.





Density Standard

KEM provides JCSS-certified water density standards for calibrating and testing your density meter.

Part No. 120270801

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