



**pH Meter**  
**Conductivity Meter**  
**Multi-function Water Quality Meter**  
 (pH / ORP / Ions / Conductivity / Dissolved oxygen)

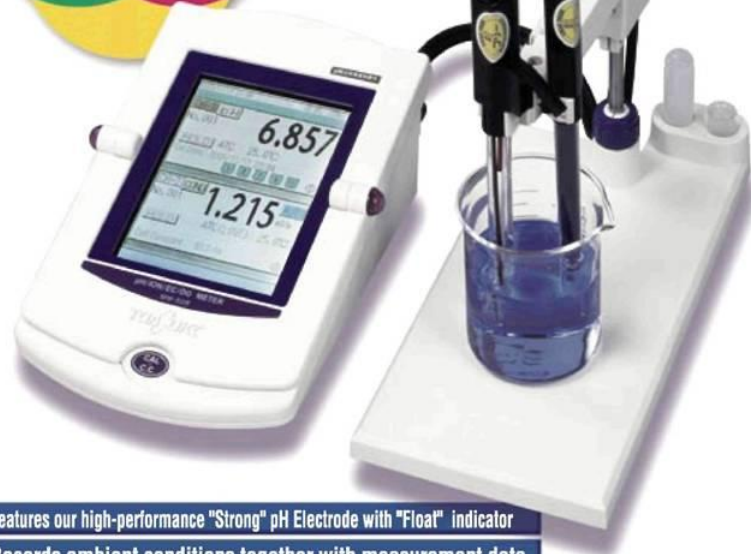
**R-Series**



**Including Our Latest Versatile  
 Water Quality Meter**  
**-Switch Applications By Just Changing  
 The Connected Sensor !**



(Some sensors not applicable)



- Features our high-performance "Strong" pH Electrode with "Float" indicator
- Records ambient conditions together with measurement data
- USB interface\*
- LAN interface\*

\* Available for models HM-30R, CM-30R, MM-60R as standard feature.

**DKK-TOA CORPORATION**



**High Performance With Easy Operation**  
**The perfect Solution For Sophisticated Analysis**  
**And Data Management**



**A smart versatile water quality meter that automatically selects the measuring parameter by recognizing the connected sensor !**

- Just connect the appropriate sensor to quickly change measurement to pH, ORP, ion, conductivity or DO

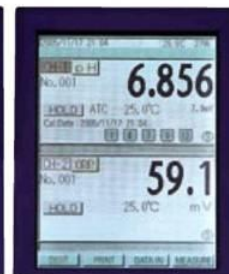
(Model MM-60R)



The measurement screen automatically changes when the sensor with built-in memory is connected. Simultaneous, two channel measurement and display is also available.



Example of pH / conductivity measurement screen



Example of pH / ORP measurement screen

- **Flexible sensor combination with 2-channel connection**

pH, ORP, Ion, conductivity, or dissolved oxygen cells can be connected to either channel. It is possible to create pH/ conductivity meters, pH/ ion meters, two-channel dissolved oxygen meters, or any other application method depending on the application.



### Standard type compatible for GLP/Part 11 Pure water temperature compensation function

#### Conductivity Meter **CM-30R**

C/W EC cell CT-57101B as standard accessories

- Large color graphic LCD display
- Data memory (300 data items)
- Laboratory circumstance (ambient temperature, humidity) measurement and recording capability (Option)
- USB (Host) and LAN are provided as standard
- Capable of connecting to RS-232C external printer
- Capable of automated measurement (Connects to turntable)
- USP measurement compatible

(Measurement function/ range)  
 Conductivity : 0~200.0 S/m (7 ranges)  
 Resistivity : 0~2.000M $\Omega$ -m (7 ranges)  
 Concentration : 0~200.0% (3 ranges)  
 Salinity : 0~4.00%  
 Temperature : 0~100.0°C



### Simplified, affordable model

#### Conductivity Meter **CM-25R**

C/W EC cell CT-57101B as standard accessories

- Large-size, easy-to-read custom LCD display
- Data memory (300 data items)
- Capable of connecting to RS-232C external printer
- Capable of USP measurement

(Measurement function/ range)  
 Conductivity : 0~200.0 S/m (7 ranges)  
 Resistivity : 0~2.000M $\Omega$ -m (7 ranges)  
 Salinity : 0~4.00%  
 Temperature : 0~100.0°C



### A fully-featured, two channel multi-function water quality meter compatible with GLP / Part 11

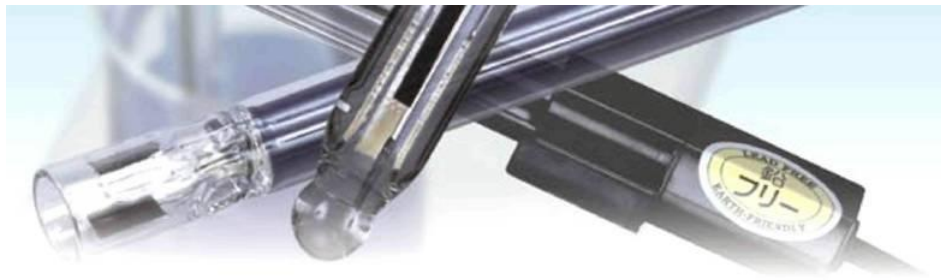
#### Multi-function Water Quality Meter **MM-60R**

Sensors are separately sold

- Large color graphics display
- Data memory (each channel 300 data items)
- Laboratory circumstance (ambient temperature, humidity) measurement and recording capability (Option)
- USB (Host) and LAN are provided as standard
- Capable of connecting to RS-232C external printer
- Capable of automated measurement (Connects to turntable)
- USP measurement compatible (Conductivity)

(Measurement function/ range)  
 pH : 0.000~14.000  
 ORP : 0.0~±2000.0 mV  
 Ion : 0.01  $\mu$ g~999.9g/L (Actual measuring range is specified per using Ion electrode)  
 Conductivity : 0~200.0 S/m (7 ranges)  
 Resistivity : 0~2.000M $\Omega$ -m (7 ranges)  
 Salinity : 0~4.00%  
 Concentration : 0~200.0% (3 ranges)  
 Dissolved oxygen : 0.00~20.00 mg/L  
 Saturation : 0~200%  
 Temperature : 0~100.0°C





## Conductivity cells



### ● "Calib. Memo" sensors make automatic readings of cell constants possible

It is no exaggeration to say that conductivity cells will each have different values. It is necessary to input the cell constants first when measuring conductivity. "Calibration Memo" technology enables a meter to read the cell constant value to enter it to itself automatically just connecting a conductivity cell. It eliminates the cell setting procedure and input error.



Just by connecting the cell to the main unit



Enables the automated reading of cell constants

## Ion electrodes

### ● Various tip type combination ion electrode are available

(Except membrane electrodes)

### ● As the calibration data are memorized inside of the electrode itself, it is convenient to use different kinds of ion electrodes at the same meter



Easy-to-replace tip type ion electrodes

## Dissolved oxygen electrodes

### ● Many high performance DO sensors including non-stirring type are available

The non-stirring DO electrode (OE-470BA) can function without sample agitation or stirring. Rapid response DO electrode (OE-470AA) simplifies DO measurement for BOD application.



Conductivity Cell Table

Lead Free Cell Models

CT-57101B CT-57101A C-50101B  
 CT-57101C CT-27111D C-50101C  
 C-50101A

Product Name	Immersion Conductivity Cell *Calib. Memo* (R-Series)			Flow-Through Type Conductivity Cell *Calib. Memo* (R-Series)			
	CT-57101B General Purpose use	CT-57101C Low Conductivity use	CT-57101A High Conductivity use	CT-87101B General Purpose use	CT-27111D <sup>1)</sup> Pure Water use	CT-87101C Low Conductivity use	CT-87102A <sup>2)</sup> High Conductivity use
Dimensions							
EC Temp.	100µS/m~10S/m 1µS/cm~100mS/cm	5µS/m~1S/m 0.05µS/cm~10mS/cm	1mS/m~100S/m 10µS/cm~1S/cm	100µS/m~10S/m 1µS/cm~100mS/cm	5µS/m~20mS/m 0.05µS/cm~20mS/cm	5µS/m~1S/m 0.05µS/cm~10mS/cm	10mS/m~100S/m 100µS/cm~1S/cm
Cell constant	100m <sup>-1</sup>	10m <sup>-1</sup>	1,000m <sup>-1</sup>	100m <sup>-1</sup>	1m <sup>-1</sup>	10m <sup>-1</sup>	2,000m <sup>-1</sup>
Required sample Volume*	Volume no less than: 4mL φ14mm×26mm	Volume no less than: 6mL φ14mm×42mm	Volume no less than: 39mL φ36mm×38mm	—	—	—	—
Features	<ul style="list-style-type: none"> <li>Built in temperature sensor</li> <li>Simple straight cell design</li> <li>The cell structure is designed hardly to get affection of air bubble.</li> </ul>	<ul style="list-style-type: none"> <li>Built in temperature sensor</li> <li>Simple straight cell design</li> <li>The cell structure is designed hardly to get affection of air bubble.</li> </ul>	<ul style="list-style-type: none"> <li>Built in temperature sensor</li> <li>Simple cell shape</li> <li>As the cell structure is so designed to let air bubble remove easily, stable measurement can be expected.</li> </ul>	<ul style="list-style-type: none"> <li>Built in temperature sensor</li> <li>Used for general purpose flow measurements</li> <li>Required internal cell volume : 4 mL</li> </ul>	<ul style="list-style-type: none"> <li>Built in temperature sensor</li> <li>Used for pure water measurements</li> <li>Required flow cell internal volume : 8 mL</li> <li><sup>1)</sup> A separate flow cell will be required when its size: Polypropylene flow cell (C3) : 2000 and (C30) flow cell (C3) : (20A) are available.</li> </ul>	<ul style="list-style-type: none"> <li>Built in temperature sensor</li> <li>Measures low conductivity samples by flow measurement without influence of CO<sub>2</sub> gas.</li> <li>Required internal cell volume : 15 mL</li> </ul>	<ul style="list-style-type: none"> <li>Built in temperature sensor</li> <li>Small volume flow cell</li> <li>Required internal cell volume : 1 mL</li> <li><sup>2)</sup> A syringe rubber septum or sample filler will be required when in use.</li> </ul>

\* Capacity when the smallest possible cell-insertion vessel capacity is used.

Immersion Conductivity Cell (CM-20J)			
Product Name	C-50101B General Purpose use	C-50101C Low Conductivity use	C-50101A High Conductivity use
Dimensions			
EC Temp.	100µS/m~10S/m 1µS/cm~100mS/cm	5µS/m~1S/m 0.05µS/cm~10mS/cm	1mS/m~100S/m 10µS/cm~1S/cm
Cell constant	100m <sup>-1</sup>	10m <sup>-1</sup>	1,000m <sup>-1</sup>
Required sample Volume*	Volume no less than: 4mL φ14mm×26mm	Volume no less than: 6mL φ14mm×42mm	Volume no less than: 39mL φ36mm×38mm
Features	<ul style="list-style-type: none"> <li>Simple straight cell design</li> <li>The cell structure is designed hardly to get affection of air bubble.</li> </ul>	<ul style="list-style-type: none"> <li>Simple straight cell design</li> <li>The cell structure is designed hardly to get affection of air bubble.</li> </ul>	<ul style="list-style-type: none"> <li>Simple cell shape</li> <li>As the cell structure is so designed to let air bubble remove easily, stable measurement can be expected.</li> </ul>

Dissolved Oxygen Electrode Table

Product Name	Dissolved O <sub>2</sub> Electrode *Calib. Memo* (R-Series)			
	Model Name	OE-270AA Immersion / Throw-in use	OE-570BA Immersion / Throw-in use	OE-470BA "Egg Bottle" use
Dimensions				
Dissolved O <sub>2</sub>	0~20mg/L			
Saturation %	0~200% / 0~500% <sup>*)</sup>		0~200%	
Temp.	0~50°C			
Operating temperature range	0~50°C			
Storage temperature range	5~45°C			
Electrolyte solution	R-9 (OBG00007)			
Diaphragm set	OCC00001	OCC00023	OCC00022	OCC00003
Features	<ul style="list-style-type: none"> <li>Not for use in stirred tanks</li> </ul>	<ul style="list-style-type: none"> <li>Suitable for no-flow speed measurements</li> </ul>	<ul style="list-style-type: none"> <li>Suitable for no-flow speed measurements</li> </ul>	<ul style="list-style-type: none"> <li>Built in stirrer</li> </ul>

\*) 0~500% : When high concentration DO membrane is used

### pH Meter

#### Specifications / Function Table

Model Name	HM-30R	HM-25R
Measurement Method	Glass Electrode Method	HM-25R
Display Unit	Color Graphs LCD with Backlight	Custom-built LCD
Measurement Item / Range	pH	pH0.000~pH14.000
	ORP	0.0~12,000.0mV
	Temp.	0.0~100.0°C
Display Range	pH	pH-2.000~pH16.000
	ORP	0.0~12,200.0mV
	Temp.	-5.0~110.0°C
Display Resolution	pH	0.01 / 0.001pH
	ORP	1.0 / 0.1mV
	Temp.	0.1°C
Repeatability (Meter Main Unit)	pH	±0.001pH / 1 digit
	ORP	±1.0mV / 1 digit
	Temp.	±0.1°C / 1 digit
pH Temperature Compensation Range	ATC (Auto Temperature Compensating): 0~100.0°C MTC (Manual Temperature Compensating): 0~100.0°C	
pH Calibration	JIS Standard Solution	JIS Standard Solution
	Optional Standard Solution	Optional Standard Solution
Temperature Calibration	1-point Calibration	1-point Calibration
Ambient Temp. Calibration	1-point Calibration	1-point Calibration
Humidity Calibration	1-point Calibration	1-point Calibration
Relative Humidity Measurement	0~45% or below (condensation-free)	0~45% or below (condensation-free)
Data Memory	300 Data	300 Data
Print Function	External Printer (Optional)	External Printer (Optional)
Auto Hold Function	External Printer (Optional)	External Printer (Optional)
Auto Hold Conditions Settings	●	●
Statistical Calculation Function	Average Value	Average Value
Calibration History Creation Function	Max. 20 run lots	Latest one run
Interval Measurement	●	●
Security Function	●	●
Upper / Lower Limit Output Setting	●	●
Color Sensor / Color Test Checker Function	●	●
mV Shift Function	●	●
External Input / Output	RS-232C Interface	2-ch
	USB (Host)	1-ch
	LAN	1-ch
	External Printer Connector	1-ch
Analog Output	pH	1700mV (pH0~14)
	ORP	1V / 0~12,000mV
	Temp.	0~1V / 0~100.0°C
Alarm	Upper Limit	Open Collector
	Lower Limit	Open Collector
Option Connection	Turntable	●
	Cell Switch (ES-1G) Control Box (AC-1V)	●
	Electrode Holder (AC-1V)	●
Power Source	AC100 V~240 V (AC Adapter)	AC line (AC Adapter)
Power Consumption	Approx. 15 VA	Approx. 4 VA
Main Unit Weight	Approx. W152 X H98 X D230 mm	Approx. 0.8kg

#### Standard Accessories

pH Electrode	GST-5741C 1 Pc.	GST-5731C 1 Pc.
Standard Solutions	pH 4.01, pH 6.86 (500 mL) each 1 bottle	
KCl Solution	3.3 mol / L KCl (50 mL) 1 bottle	
Electrode Holder	1 piece	
Electrode Attachment	1 piece (G-type) / 1 piece (L-type)	
Electrode Stand	1 piece	
Support	1 piece	
Stopper	1 piece	
Polyethylene Beaker	150 mL, 3 pieces	
AC Adapter	1 piece	
Ground Wire	1 piece	
Simple User Guide	1 copy	
Operation Manual	1 copy	

### Conductivity Meter

#### Specifications / Function Table

Model Name	CM-30R	CM-25R
Measurement Method	AC 2-Electrode Method	CM-25R
Display Unit	Color Graphs LCD with Backlight	Custom-built LCD
Measurement Item / Range	Conductivity	Depending on Cell used
	Resistivity	Conversion from Conductivity
	Salinity	Conversion from Conductivity
Display Range	Conductivity	0~200.0µS / m / 0~2,000.0µS / cm
	Resistivity	0~2,000.0m / 0~200.00cm
	Salinity	0~20.00‰ / m / 0~200.00‰ / cm
Repeatability (Meter Main Unit)	Conductivity	±0.001µS / m / ±0.001µS / cm
	Resistivity	±0.01m / m / ±0.01m / cm
	Salinity	±0.001‰ / m / ±0.001‰ / cm
Temperature Compensation	ATC (Auto Temperature Compensating)	0~100.0°C
	MTC (Manual Temperature Compensating)	0~100.0°C
	None	ATC OFF
External Input / Output	RS-232C Interface	2-ch
	USB (Host)	1-ch
	LAN	1-ch
Analog Output	Conductivity	100mV / Range
	Resistivity	Upper Limit : Open Collector
	Salinity	Lower Limit : Open Collector
Option Connection	Turntable	●
	Cell Switch (ES-1G) Control Box (AC-1V)	●
	Electrode Holder (AC-1V)	●
Power Source	AC100 V~240 V (AC Adapter)	AC line (AC Adapter)
Power Consumption	Approx. 15 VA	Approx. 5 VA
Main Unit Weight	Approx. W152 X H98 X D230 mm	Approx. 0.8kg

#### Standard Accessories

Conductivity Cell	CT-57101B 1 Pc.
Electrode Holder	1 piece
Electrode Attachment	1 piece (G-type)
Electrode Stand	1 piece
Support	1 piece
Stopper	1 piece
Polyethylene Beaker	150 mL, 1 piece
AC Adapter	1 piece
Ground Wire	1 piece
Simple User Guide	1 copy
Operation Manual	1 copy

## Multi-function Water Quality Meter

### Specifications / Function Table

Model Name		MM-60R
<b>Measurement Method</b>		
pH		Glass Electrode Method, Conductivity: AC Dual Electrode Dissolved O <sub>2</sub> : Diaphragm Galvanic Cell
<b>Electrode Inputs</b>		
2-ch		2-Channel connector: pH, ORP, Ion, Conductivity, DO Electrode
<b>Display Unit</b>		
Display		Color Graphics LCD with Backlight
Display		Selectable 2-ch Simultaneous Display or Single ch Only Display
<b>Measurement Item / Range</b>		
pH	pH	pH0.000~pH14.000
	ORP	0.0~12,000.0mV
	Ion	Depending on Sensor used
	Conductivity	Depending on Cell used
	Resistivity	Depending on Cell used
	Salinity	Conversion from Conductivity
	Concentration	Conversion from Conductivity
	Dissolved O <sub>2</sub>	Depending on Electrode used
	Saturation %	Depending on Electrode used
	Temp.	0.0~100.0°C; When measuring Dissolved O <sub>2</sub> : 0.0~50.0°C; Ion: Depending on Electrode
Ambient Temp	Ambient Temp	0.0~50.0°C
	Humidity	5~90%RH
	pH	pH-2.000~pH16.000
	ORP	0.0~12,200.0mV
	Ion	0.00µg/L~999.9g/L
	Conductivity	0~200.0µS/cm (0~2,000.0µS/cm); 0~2,000mS/m (0~20,000µS/cm); 0~20.0mS/cm (0~200.0µS/cm); 0~200.0mS/m (0~2,000µS/cm); 0~2,000S/m (0~20,000µS/cm); 0~200.0S/m (0~2,000S/cm); SI Unit (S/m) and Conventional Unit (S/cm) selectable
	Resistivity	0~2,000Ω·m (0~200.0Ω·cm); 0~20.00kΩ·m (0~2,000kΩ·cm); 0~200.0kΩ·m (0~20,000kΩ·cm); 0~2,000MΩ·m (0~200.0MΩ·cm); SI Unit (Ω·m) and Conventional Unit (Ω·cm) selectable
	Salinity	0~4.00%
	Concentration	0~2.000%
	Switching	0~200.0%
Dissolved O <sub>2</sub>	Dissolved O <sub>2</sub>	0.00~20.00mg/L
	Saturation %	0~200%
	Temp.	-5.0~110.0°C
	Ambient Temp	-5.0~110.0°C
	Humidity	0~100%RH
	pH	0.01~0.001pH
	ORP	1~0.1mV
	Ion	0.0µg/L~999g/L / 0.00µg/L~999.9g/L
	pH	1.0.00pH / 1digit
	ORP	1.0.1mV / 1digit
Repeatability (Meter Main Unit)	Conductivity	±0.5%F.S. / 1digit
	Resistivity	±0.5%F.S.
	Salinity	±0.5%F.S.
	Concentration	±0.5%F.S.
	Dissolved O <sub>2</sub>	±0.02mg/L / 1digit
	Saturation %	±2% / 1digit
	Temp.	±0.1°C / 1digit
	pH	ATC (Auto Temperature Compensation) : 0~100.0°C; MTC (Manual Temperature Compensation) : 0~100.0°C; ATC (Auto Temperature Compensation) : 0~100.0°C; MTC (Manual Temperature Compensation) : 0~100.0°C
	Temperature	ATC (Auto Temperature Compensation) : 0~100.0°C; MTC (Manual Temperature Compensation) : 0~100.0°C
	Temperature	ATC (Auto Temperature Compensation) : 0~100.0°C; MTC (Manual Temperature Compensation) : 0~100.0°C
pH Calibration	Temperature	None
	Temperature	ATC OFF
	Temperature	0~100.0°C
	Temperature	0~10.000%T
	Temperature	2~10 points
	Temperature	ATC (Auto Temperature Compensation) : 0~50.0°C; JIS Standard Solution, US Standard Solution, Optional Standard Solution Max. 5-point Calibration
	Temperature	Max. 5-point Calibration
	Temperature	Auto Calibration (Zero-Span Calibration)
	Temperature	1-point Calibration
	Temperature	1-point Calibration
DO Conc.	Temperature	1-point Calibration
	Temperature	1-point Calibration
	Temperature	2~10 points
	Temperature	DO-ATM Pressure Compensation Setting
	Temperature	DO-ATM Pressure Compensation Setting
	Temperature	Performance Standard Temperature: 20°C
	Temperature	0~45°C; 85% or below (condensation-free)
	Temperature	300 Data each Channel
	Temperature	Print Function
	Temperature	External Printer (Optional)
Data Memory	Temperature	Auto Hold Function
	Temperature	Auto Hold Conditions Setting
	Temperature	Statistical Calculation Function
	Temperature	Average Value
	Temperature	Calibration History Creation Function
	Temperature	Max. 20 run lots each Channel, 10 Electrode Types
	Temperature	Interval Measurement
	Temperature	Security Function
	Temperature	Upper / Lower Limit Output Setting
	Temperature	●(1 Channel only)

External Input / Output	RS-232C Interface	2-ch(1-ch : External Printer Output)
	USB(Host)	1-ch
	LAN	1-ch
	External Instrument Connection	1-ch
	pH	1.700mV (pH0~14)
	ORP	1.1V (0~12,000mV)
	Conductivity	0~1V.F.S.
	Resistivity / Salinity	0~1V.F.S.
	Temperature	100 mV / Range
	Alarm	0~1V (0~100°C); Upper Limit : Open Collector; Lower Limit : Open Collector
Option Connection	External Printer	●
	Turntable	●TTT-1 / 3100 / 510
	Electrode Selector (ES-10)	●
	Cell Selector (ES-10C)	●
	Bezel Selector (ES-10D)	●
	Control Box (AD-1V)	●
	Power Source	AC100 V~240 V (AC Adapter)
	Power Consumption	Approx. 22 VA
	Dimensions (Main Unit)	Approx. W152 X H98 X D230 mm
	Main Unit Weight	Approx. 1.1 kg

### Standard Accessories

Electrode Holder	1 piece
Electrode Attachment	G-Type X2, Ion X1, J X1, DP X1
Electrode Stand	1 piece
Support	1 piece
Stopper	1 piece
Polyethylene Beaker	150 mL, 3 pieces
AC Adapter	1 piece
Ground Wire	1 piece
Simple User Guide	1 copy
Operation Manual	1 copy



# J-Series

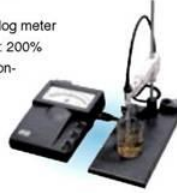
## pH Meter

Practical manually operated analog and digital models

Practical analog display. 2-way AC-DC power source

### HM-7J pH Meter

- Easy-to-read display with analog meter
- pH 3.5~0.5 Expansion scale: 200%
- Capable of measuring oxidation-reduction potential (ORP) (electrode sold separately)
- With mV-shift function
- Low price, compact size



Practical digital display. 2-way AC-DC power source

### HM-20J pH Meter

- Easy-to-read of measurements digital display
- Capable of measuring oxidation-reduction potential (ORP) (electrode sold separately)
- With mV-shift function
- Low price, compact size



#### Specifications

Model Name	HM-7J	HM-20J
Measurement Method	Glass Electrode Method	
Display	Analog meter, pH / mV switching	Digital meter, pH / mV switching
pH	range	0.01pH
	resolution	
pH range	range	
	resolution	
mV	range	0 ~ 1.999mV
	resolution	1mV
Repeatability (Meter Main Unit)	range	0 ~ 1.999mV (0 ~ 1.1400mV by Zero shift)
	resolution	1.00pH
Analog Output (Meter Main Unit)	range	0 ~ 1.999mV
	resolution	1.00pH
Temperature Compensation Range	range	0 ~ 1.999mV (pH 0 ~ 14)
	resolution	1.350mV (0 ~ 1.700mV)
Calibration	ATC (Auto Temperature Compensating): 0 ~ 100.0°C	Manual (Zero span)
Operation Temp. Range	0 ~ 40°C	
Power Source	AC Line or Size AA battery X2	
Power Consumption	Approx. 3 VA	
Main Unit Dimensions	Approx. W148 X H75 X D221 mm	
Main Unit Weight	Approx. 0.7 kg	

#### Standard Accessories

pH Electrode	GST-5711C	1 Pc.
Standard Solutions	Each 1 bottle	
KCl Solution	1 bottle	
Electrode Holder	1 piece	
Electrode Attachment	1 piece (U-type)	
Electrode Stand	1 piece	
Support	1 piece	
Stopper	1 piece	
Polyethylene Beaker	150 ml, 3 pieces	
Thermometer	1 piece	
Power Cable	1 piece	
Ground Wire	1 piece	
Operation Manual	1 copy	

## Conductivity Meter

Practical manually operated digital model

Low price, compact size

### CM-20J

#### Conductivity Meter

- Easy-to-read LCD digital display
- SI Unit (S/m) and Conventional Unit (S/cm) selectable
- Operation of AC/DC 2 power source
- Low price, compact size



#### Specifications

Model Name	CM-20J
Display Unit	LCD
Measurement Range	Depending on Cell used 0 ~ 2.000S/m, 0 ~ 20.00mS/m, 0 ~ 200.0mS/m
Display Range	0 ~ 2.000S/m, 0 ~ 20.00mS/m
Display Unit Switching	Manual
Repeatability (Meter Main Unit)	± 0.5% F.S.
Range setting	Manual
Temperature Compensation Range	Manual 0 ~ 60°C
Compensation Standard Temperature	25°C fixed
Output	24 V / C fixed
Output Conductivity	0 ~ 1 V F.S.
Frequency of measurement	Auto select with 80Hz and 3kHz
Operation Temp. Range	0 ~ 40°C
Power Source	AC Line or Size AA battery X2
Power Consumption	Approx. 3 VA
Main Unit Dimensions	Approx. W148 X H75 X D221 mm
Main Unit Weight	Approx. 0.7 kg

#### Standard Accessories

Cell	1 piece (C-501011)
Electrode Holder	1 piece
Electrode Stand	1 piece
Support	1 piece
Stopper	1 piece
Electrode Attachment	1 piece (U-type)
Thermometer	1 piece
Memory Thermometer	1 piece
AC Cable	1 piece
Ground Wire	1 piece
Power unit	1 set
Operation Manual	1 copy

## DKK-TOA CORPORATION



### CAUTION

Do not operate products before consulting instruction manual.

#### International Operations:

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<http://www.toadkk.co.jp>

Information and specifications are for a typical system and are subject to change without notice.

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