

ISTEK



PDC-70N

Powerful Multi-Purpose Portable Meter - NEOMET

Versatile Analysis, Waterproof, Dual display



pH Meter
pH/Ion Meter
DO Meter
Conductivity Meter
Multi-Meter

www.istek.co.kr



PDC - 70N

Powerful Multi-Purpose Portable Meter - NEOMET

- Investigated & developed with KAIST Cultivate project of brand name.
- The only Multi-purpose synchronous meter with Excellent Korean Technology (KT)

(pH / ISE), DO and Conductivity Versatile Analysis, Dual display

Available Specifications: pH/ORP/Ion & DO/O₂/Air & Conductivity/TDS/Salinity

Quick responds and industrial electrode of durability

With Rechargeable battery and Adaptor

Bi-directional RS232C Communications

Auto Power Off

Low Battery Display

Offering Carrying Case and printer

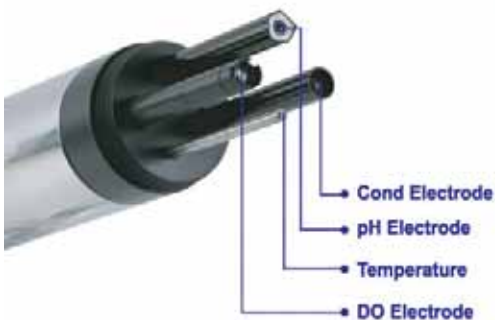
Data memory of 210 units

Waterproof (IP66)

Cable length standard 3m, possible within 100m (option)

Measuring within 10m depth of water

Wide range of laboratory, wastewater of factory, water supply and drainage, underground water, fish-farm, river, lake etc.



Electrode	Specifications	Electrode part No.
pH Electrode	Long-life Double Junction (Plastic)	#5733734-S8
DO Electrode	Galvanic type (Plastic) 98% within 60seconds	#023BG25-S8
Cond Electrode	2-flat Platinum electrode	#5731302-31-S8
Temperature	PT100	

- * **PDC-70N** consist of all standard accessories and if there is not necessary one, it is possible to except some item (minus option).
- * It can be changed to other industrial electrode according to water quality.
- * According to user, body and normal electrode set are can be substituted for laboratory set.

Set

Standard Accessories

Combination pH Electrode
 DO Galvanic Electrode
 Conductivity Electrode(K=1.0)
 ATC Probe
 Electrode Housing
 pH Buffer Solutions (pH4.00,7.00,10.00) 125ml
 Conductivity Standard Solution(1413 μ S/cm) 125ml
 Printer
 RS232C Interface Cable
 Rechargeable Battery & DC Power Adaptor
 Aluminium Carrying Case
 Instruction Manual

Optional Accessories

pH Electrode Storage Solution
 pH Buffer Solutions (pH4.00,7.00,10.00)
 pH Electrode Filling Solution
 Conductivity Standard Solution
 DO Membrane Kit
 Printer Paper



- PDC-70N Set -

Place Available



Laboratory



Factory



Waterways



Water supply
system



Sewage
system



River. Lake. Sea



Specification

MODE		PDC-70N
pH	Range	-2.000~19.999
	Resolution	0.001/0.01/0.1
	Relative Accuracy	0.002
mV	Range	1999.9
	Resolution	0.1
	Relative Accuracy	0.1mV
Ion	Range	0.0001~19999mg/L
	Resolution	one least significant
	Relative Accuracy	0.25% of Reading
DO	Range	0.00~19.99mg/L
	Resolution	0.01/0.1
	Relative Accuracy	0.5%
O ₂	Range	0.0~60.0%
	Resolution	0.1%
	Relative Accuracy	1 digit
Air	Range	0.0~199.9%
	Resolution	0.1%
	Relative Accuracy	1 digit
Conductivity	Range	0 to 199,999µS/cm
	Resolution	0.01/0.1
	Relative Accuracy	0.5%
TDS	Range	0 to 1999mg/L
	Resolution	1 mg/L
	Relative Accuracy	2%
Salinity	Range	0.0 to 80.0ppt
	Resolution	0.1
	Relative Accuracy	0.1
Temperature	Range	pH/Ion/EC 0~110, DO 0~60
	Resolution	0.1
	Relative Accuracy	0.4
Temperature Compensation		Auto
Datalog		210 point
Calibration		pH Auto/Manual(3Point) Ion, DO, EC Auto
Print Capability		Yes
Display		Graphic LCD
Inputs		8 Pin DIN Waterproof
Outputs		RS232C (Computer/Printer)
Power		Rechargeable Battery / DC Power Adaptor
Protection type		IP66 (Waterproof)
Dimensions		120x220x62 mm
Weight		Main unit : 650g Sensor Assembly(3m) : 1700g

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Other NEOMET

Series

- * Renovated technology, easy to carry designed of Human body Engineering
- * Clean Custom LCD/ Self diagnostic function
- * Rechargeable Battery / Two way RS232C



pH/Ion Meter (79P)

- Easy to measure pH auto and manual calibration
- Automatic recognition of buffer solution
- Two-Way RS232C Communications
- Stabilization display



DO Meter (29D)

- Fast sensing Polarographic type electrode
- Accuracy with Automatic calibration of Temperature, Altitude, salinity.
- Automatic O₂ calibration



Conductivity Meter (47C)

- Automatic Temperature Calibration
- According to measurement range, can be measure with accuracy
- TDS & Salinity measurement



pH / EC Meter (415CP)

- pH / Ion and Conductivity measurement
- Automatic test itself
- Data memory of 100units

pH / DO/EC Meter (815PDC)

- pH / Ion, DO and Conductivity meter
- Automatic test itself
- Data Memory of 150units

Model	77P	79P	29D	47C	415CP	815PDC
pH	●	●	×	×	●	●
ORP(mV)	●	●	×	×	●	●
Ion	×	●	×	×	●	●
Temperature	●	●	●	●	●	●
DO	×	×	●	×	×	●
O ₂	×	×	●	×	×	●
Air Saturation(%)	×	×	●	×	×	●
Conductivity	×	×	×	●	●	●
TDS	×	×	×	●	●	●
Salinity	×	×	×	●	●	●



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Others



Products

Bench-Top / Portable Meter

pH / Ion
DO / O₂ / Air
Conductivity / TDS / Salinity
Multi Meter

Water Monitoring System

Automatic water quality testing system
COD Online water testing system
Controller
Industrial Electrode

Others



pH Electrode



DO Electrode



EC Electrode



Multi Electrode (pH, Redox, EC, Temperature)



Housing



Excellent Korean Technology (KT)

Certificate of Good quality (EM)

Certificate of INNO-BIZ Company

ISO 9001:2000 KS A9001:2001

Certificate of Good Venture Company

CE MARK



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