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Orion Star™ A121 pH Portable Meter



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Take simple, routine pH, mV and temperature measurements with the Thermo Scientific™ Orion™ Star A121 pH Portable Meter, an easy-to-use and budget-friendly instrument for basic pH analysis in the field. Perform up to a three point pH calibration with easy recall of calibration points and slope. Quickly navigate setup menus and ensure consistent calibrations using the simple keypad layout and on-screen text prompts. This waterproof meter has an IP67-rated housing for rugged protection in outdoor environments.

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	Catalog number	Product Size	Description	Includes	Product Size	Description	Includes	Product Size	Description	Includes	Price (USD)	Qty
☆	STARA1210	Each	Orion Star A121 pH portable meter	Star A121 pH meter, 4 AA batteries, literature CD, printed quick start guide and meter test certificate	Each	Orion Star A121 pH portable meter	Star A121 pH meter, 4 AA batteries, literature CD, printed quick start guide and meter test certificate	Each	Orion Star A121 pH portable meter	Star A121 pH meter, 4 AA batteries, literature CD, printed quick start guide and meter test certificate		<input type="text"/>

[Full specifications >](#)

☆	STARA1210	Each	Orion Star A121 pH portable meter kit with Triode pH/ATC electrode, solutions, meter armor	Star A121 pH meter, 9107BNMD Orion Triode gel-filled epoxy-body pH/ATC electrode, 916099 pH buffer and solution kit, protective meter armor, hard-sided field case, 4 AA	Each	Orion Star A121 pH portable meter kit with Triode pH/ATC electrode, solutions, meter armor and field	Star A121 pH meter, 9107BNMD Orion Triode gel-filled epoxy-body pH/ATC electrode, 916099 pH buffer and solution kit, protective meter armor, hard-sided field case, 4 AA	Each	Orion Star A121 pH portable meter kit with Triode pH/ATC electrode, solutions, meter armor and field	Star A121 pH meter, 9107BNMD Orion Triode gel-filled epoxy-body pH/ATC electrode, 916099 pH buffer and solution kit, protective meter armor, hard-sided		<input type="text"/>
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Catalog number	Product Size	Description	Includes	Product Size	Description	Includes	Product Size	Description	Includes	Price (USD)	Qty
		case	batteries, literature CD, printed quick start guide and meter test certificate		case	batteries, literature CD, printed quick start guide and meter test certificate		case	field case, 4 AA batteries, literature CD, printed quick start guide and meter test certificate		

[Full specifications ►](#)

☆	STARA1215	Each	Orion Star A121 pH portable meter	Star A121 pH meter, 4 AA batteries, literature CD, printed quick start guide and meter test certificate	Each	Orion Star A121 pH portable meter	Star A121 pH meter, 4 AA batteries, literature CD, printed quick start guide and meter test certificate	Each	Orion Star A121 pH portable meter	Star A121 pH meter, 4 AA batteries, literature CD, printed quick start guide and meter test certificate		<input type="text"/>
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[Full specifications ►](#)

☆	STARA1215	Each	Orion Star A121 pH portable meter kit with Triode pH/ATC electrode, solutions, meter armor and field case	Star A121 pH meter, 9107BNMD Orion Triode gel-filled epoxy-body pH/ATC electrode, 916099 pH buffer and solution kit, protective meter armor, hard-sided field case, 4 AA batteries, literature CD, printed quick start guide and meter test certificate	Each	Orion Star A121 pH portable meter kit with Triode pH/ATC electrode, solutions, meter armor and field case	Star A121 pH meter, 9107BNMD Orion Triode gel-filled epoxy-body pH/ATC electrode, 916099 pH buffer and solution kit, protective meter armor, hard-sided field case, 4 AA batteries, literature CD, printed quick start guide and meter test certificate	Each	Orion Star A121 pH portable meter kit with Triode pH/ATC electrode, solutions, meter armor and field case	Star A121 pH meter, 9107BNMD Orion Triode gel-filled epoxy-body pH/ATC electrode, 916099 pH buffer and solution kit, protective meter armor, hard-sided field case, 4 AA batteries, literature CD, printed quick start guide and meter test certificate		<input type="text"/>
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Description

Thermo Scientific Orion Star A121 pH portable meters are a simple, economical solution for your routine outdoor sample analysis. Featuring an emphasized measure key, selectable read modes and measurement stability indicator, our basic Orion Star A121 pH meters are designed to deliver measurements you can trust at an affordable price.

- Measure pH, mV or relative mV with temperature
- Perform up to a three point pH calibration with automatic buffer recognition or manual buffer entry
- Simplified, easy-to-read display shows main measurement with temperature, stability indicator and electrode condition icon
- User-friendly operation with basic calibration text prompts
- Easily recall calibration data for procedure checks
- Non-volatile memory preserves 50 point internal data log and meter settings, even with loss of power
- Flexible power options with AA batteries or optional universal power adapter
- IP67-rated housing is waterproof for rugged field operation
- Meter kits include hard-sided field case and protective meter armor with electrode holders, adjustable wrist/belt strap and built-in meter stand
- Meters offer CE, TUV 3-in-1 and FCC Class A certifications and 3-year replacement warranty

Disclaimer to internal research use restriction: Any restrictions on the purchaser to utilize the product(s) for internal research purposes only does not apply to the product(s) on the web pages associated with this statement.




Warranty registration form

Register your Orion, ROSS, AQUAfast and AQUASensors products.

[Warranty registration](#) 


Documents


Manuals & protocols

 [Orion Star A111 Benchtop & Star A121 Portable pH Meters Instruction Sheet \[EN\]](#)


Product literature


 [Application Note: Measuring pH in Low Ionic Strength Solutions](#)

 [Application Note: Measuring pH in Surface Water](#)

 [Application Note: Measuring pH in Wine and Juice](#)

 [Application Note: Measuring pH of Concentrated Samples](#)

 [Application Note: Measuring pH of Non-Aqueous and Mixed Samples](#)

 [Application Note: Titratable Acidity of Red Wine by Manual Titration \(Potentiometric\)](#)

 [Brochure: Orion Benchtop and Portable Meter Brochure \[EN\]](#)

 [Catalog: Orion Laboratory Products Catalog](#)

 [Specification Sheet: Orion Star A121 pH Portable Meter](#)

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