

Ensure digital data integrity with password-protection, electronic records and audit trails

Measure pH, ion concentration, conductivity, dissolved oxygen and temperature with full computer control of Versa Star Pro meters using Navigator Pro 2.0 computer software.

The Thermo Scientific™ Orion™ Navigator Pro™ 2.0 computer software and Thermo Scientific™ Orion™ Versa Star Pro™ meters are designed to offer a computer-driven measurement system for generating electronic measurements, calibration data and audit trails.

Orion Navigator Pro software offers multi-level system access for an administrator and up to 100 users. The system administrator can customize each user's access level from full system access to basic data collection only. The Navigator Pro software controls all meter functions including meter settings, calibration, measurement, and reporting to help ensure data integrity.

Orion Navigator Pro software is designed to create electronic data records and audit trails with password-protection, which can be used to assist with digital data reporting requirements when paired with each laboratory's proper IT protocols, SOPs and training records.*

*It is the responsibility of each laboratory to validate the Navigator Pro computer software for its intended use, including all regulatory requirements and create protocols, procedures and trainings that address compliance requirements outside of the Navigator Pro functions..

Features and Benefits

- Generates electronic records
- Creates audit trail report for electronic records
- Limits access to authorized individuals
- Password protection with system administrator and up to 100 users with customizable access levels
- Full computer control of meter functions including setup, calibration and measurement
- Paperless record keeping system

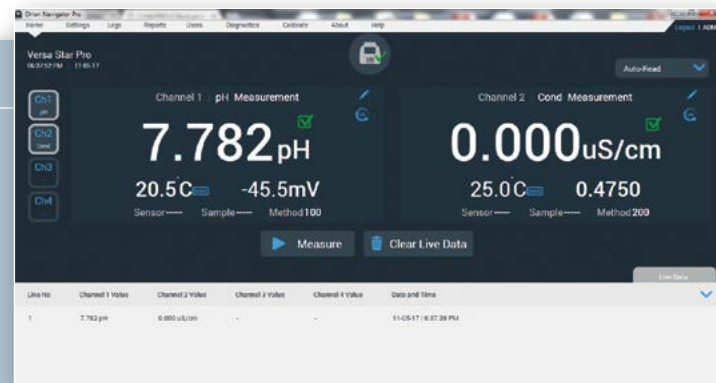
Markets

- Pharmaceutical
- Biotechnology
- Food and Beverage
- Consumer Products
- Drinking Water
- Wastewater



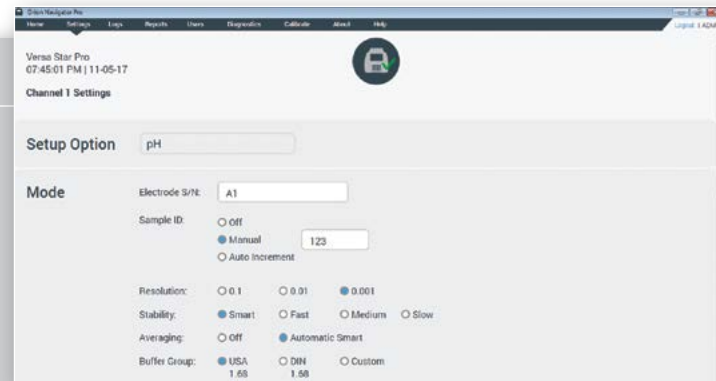
Measure Screen Example

Easily view and collect measurement data from your computer, including the ability to display up to four measurement channels on each Orion Versa Star Pro meter.



Setup Menu Example

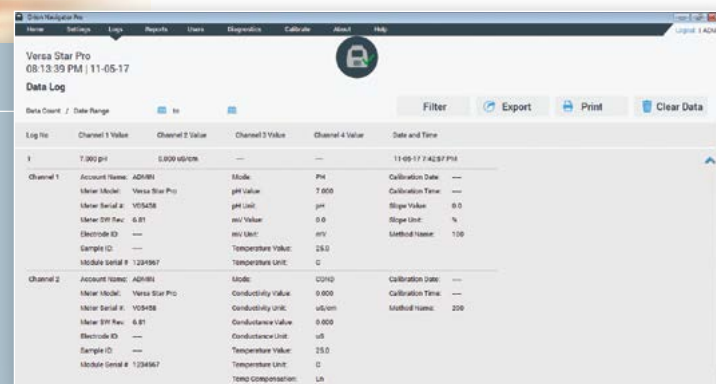
Simplified setup menu allows instrument and measurement parameters to be set quickly and easily using your computer as the primary interface. Utilize your computer's keyboard to enter sample IDs to improve sample throughput.



Data Log Screen Example

Easy-to-view data records can be exported as a PDF file or sent to a network printer.

Optional administrator-only configurable data output allows data records to be exported as PDF, Word, Excel or CSV files.



Audit Trail Report Screen

Changes are tracked in the audit trail and can be saved as a PDF file for electronic records submissions and paperless record keeping.



Product Specifications

Computer System Requirements

Operating System	Microsoft® Windows® 10 (desktop OS) Microsoft Windows 8.1 Microsoft Windows 7
CPU Type	1 gigahertz (GHz) or faster 32-bit (x86) or 64-bit (x64) processor
Memory	For 32-bit: 2 GB (Min. 300 MB availability required for the targeted application usage) For 64-bit: 2 GB (Min. 300 MB availability required for the targeted application usage)
Display Resolution	1366 x 768 with true color
Disk Space for Software Installation	100 MB
Disk Space for Application Data	1 GB free hard disk, subject to change based on application data growth
Communication Port	One available USB 2.0, USB 3.0 or RS232
.NET Framework	.NET Framework Version 4.5
Visual Reports	Adobe® Reader® or equivalent PDF reader
Meter Interface	Connects with one Orion Versa Star Pro meter at a time
Meter Requirements	
Compatible Meters	Thermo Scientific Orion Versa Star Pro meters with serial number V10000 or higher and software revision 10.0 or higher (software is user-upgradable)

Ordering Information

Cat. No.	Description
VSTAR-NPCD	Orion Navigator Pro computer software for Orion Versa Star Pro meters, includes one software license on CD and user manual
VSTAR-NPUSB	Orion Navigator Pro computer software for Orion Versa Star Pro meters, includes one software license on USB flash drive and user manual
All Versa Star Pro meters include electrode stand, 100-240 V universal power adapter, literature, computer cable and meter test certificate	
VSTAR10	Orion Versa Star Pro pH meter
VSTAR12	Orion Versa Star Pro pH meter standard kit with 8302BNUMD ROSS Ultra Triode pH/ATC electrode, 096019 stirrer probe and 810199 ROSS pH buffer kit
VSTAR13	Orion Versa Star Pro pH meter difficult sample kit with 8172BNWP ROSS Sure-Flow pH electrode, 927007MD ATC probe, 096019 stirrer probe and 810199 ROSS buffer kit
VSTAR20	Orion Versa Star Pro conductivity meter
VSTAR22	Orion Versa Star Pro conductivity meter standard kit with 013005MD DuraProbe (K=0.475) conductivity/temperature probe and 1413 µS conductivity standard
VSTAR23	Orion Versa Star Pro conductivity meter pure water kit with 013016MD pure water (K=0.1) conductivity/temperature probe, detachable flow cell and 100 µS conductivity standard
VSTAR30	Orion Versa Star Pro dissolved oxygen meter
VSTAR32	Orion Versa Star Pro dissolved oxygen meter kit with 083005MD DO probe and calibration sleeve, DO probe maintenance kit and BOD adapter/funnel/stirrer
VSTAR40A	Orion Versa Star Pro pH/ISE meter
VSTAR40A2	Orion Versa Star Pro pH/ISE meter kit with 8102BNUWP ROSS Ultra pH electrode, 927007MD ATC probe, 096019 stirrer probe and 810199 ROSS pH buffer kit
VSTAR40B	Orion Versa Star Pro two channel pH/ISE meter
VSTAR40B2	Orion Versa Star Pro two channel pH/ISE meter kit with 8102BNUWP ROSS Ultra pH electrode, 927007MD ATC probe, 096019 stirrer probe, 810199 ROSS pH buffer kit and 2nd electrode stand



Cat. No.	Description
VSTAR50	Orion Versa Star Pro pH and conductivity meter
VSTAR52	Orion Versa Star Pro pH and conductivity meter kit with 8157BNUMD ROSS Ultra pH/ATC electrode, 013005MD DuraProbe (K=0.475) conductivity/temperature probe, 810199 ROSS pH buffer kit and 1413 µs conductivity standard
VSTAR80	Orion Versa Star Pro pH/LogR meter with 927007MD stainless steel ATC probe
VSTAR82	Orion Versa Star Pro pH/LogR meter difficult sample kit with 8172BNWP ROSS Sure-Flow pH electrode, 927007MD ATC probe, 810199 ROSS pH buffer kit and ROSS pH electrode fill solution
VSTAR83	Orion Versa Star Pro pH/LogR meter micro sample kit with 8220BNWP ROSS Micro pH electrode, 927007MD ATC probe and 810199 ROSS pH buffer kit
VSTAR90	Orion Versa Star Pro pH/ISE, conductivity and RDO/DO meter
VSTAR91	Orion Versa Star Pro two channel pH/ISE, conductivity and RDO/DO meter
VSTAR92	Orion Versa Star Pro pH/ISE, conductivity and RDO/DO meter standard kit with 8157BNUMD ROSS Ultra pH/ATC electrode, 013005MD DuraProbe (K=0.475) conductivity/temperature probe, 083005MD DO probe and calibration sleeve, 096019 stirrer probe, ROSS pH buffer kit, 1413 µs conductivity standard and DO probe maintenance kit
VSTAR93	Orion Versa Star Pro two channel pH/ISE, conductivity and RDO/DO meter kit with 8157BNUMD ROSS Ultra pH/ATC electrode, 013005MD DuraProbe (K=0.475) conductivity/temperature probe, 083005MD DO probe and calibration sleeve, 096019 stirrer probe, ROSS pH buffer kit, 1413 µs conductivity standard and DO probe maintenance kit
VSTAR94	Orion Versa Star Pro pH/ISE, conductivity and RDO/DO meter optical DO kit with 8157BNUMD ROSS Ultra pH/ATC electrode, 013005MD DuraProbe (K=0.475) conductivity/temperature probe, 087010MD RDO Optical DO probe, 096019 stirrer probe, ROSS pH buffer kit and 1413 µs conductivity standard
VSTAR00	Orion Versa Star Pro meter (modules sold separately)
VSTAR-CND	Orion Versa Star conductivity, salinity, resistivity, TDS & temperature module
VSTAR-ISE	Orion Versa Star pH, ISE, mV, ORP & temperature module
VSTAR-LR	Orion Versa Star pH, LogR, mV, ORP & temperature module
VSTAR-PH	Orion Versa Star pH, mV, ORP & temperature module
VSTAR-RD	Orion Versa Star polarographic and RDO optical dissolved oxygen & temperature module



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