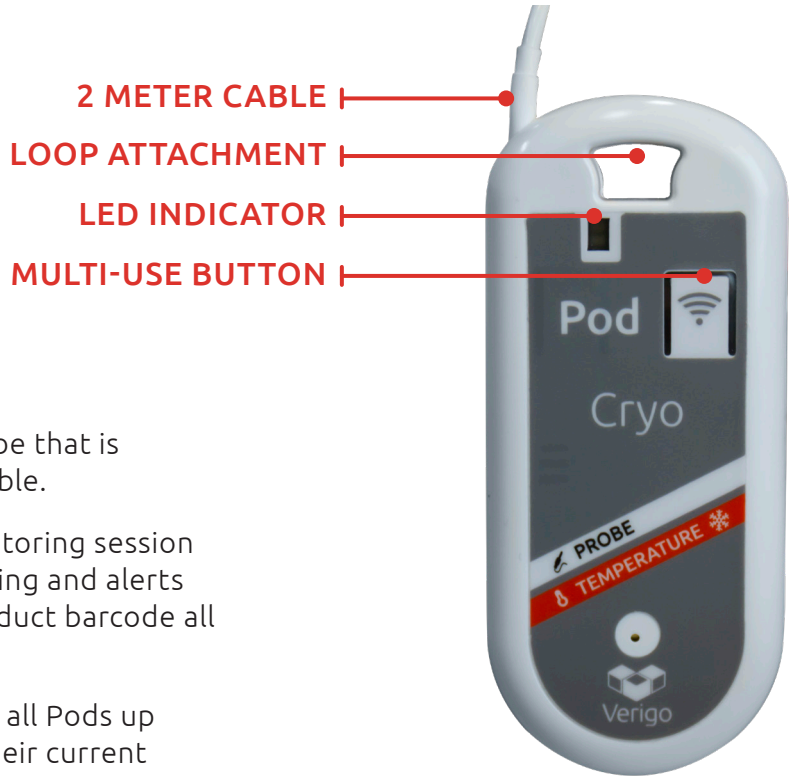
Verigo
Truth in Transit

POD CRYO

MODEL PG0

The Pod environmental data logger records and wirelessly transmits temperature data and excursion alerts to your smartphones and tablets; no cables or readers required! Simply download Verigo's app for Android™ or iOS™ to your smart device and start using your Pod.



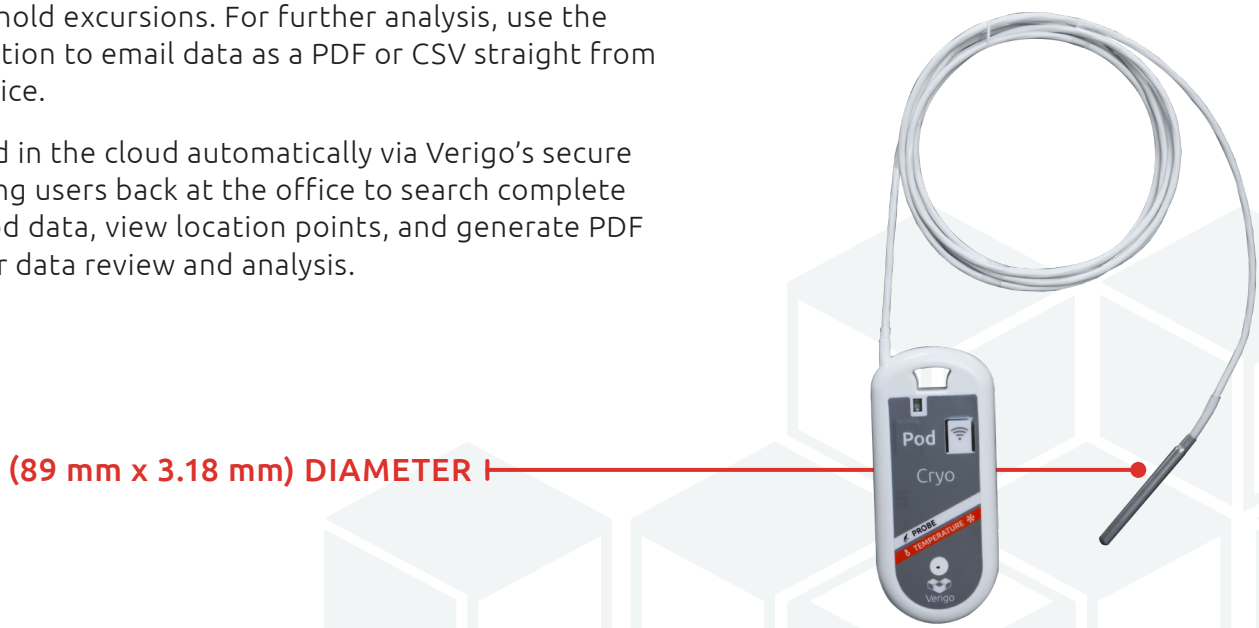
The Pod Cryo model comes with a blunt tip probe that is attached to the Pod with a 2 meter *(6.5 foot)* cable.

You can easily configure your Pod for each monitoring session using the Verigo mobile app. Customize all logging and alerts settings and enter a custom name or scan a product barcode all with just a few taps on your phone or tablet.

During use, the mobile app allows users to view all Pods up to 30 meters *(100 feet)* away in real time with their current temperature readings and alerts.

Want to see more details about a particular Pod? Wirelessly connect to your Pod to view full data graphs and detailed alerts indicating threshold excursions. For further analysis, use the app's share function to email data as a PDF or CSV straight from your mobile device.

All data is stored in the cloud automatically via Verigo's secure web app, allowing users back at the office to search complete records of all Pod data, view location points, and generate PDF and CSV files for data review and analysis.



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POD SPECIFICATIONS

TEMPERATURE SENSOR

Probe Measurement Range	-200°C to 100°C	*(-328°F to 212°F)*
Resolution	0.01°C	*(0.018°F)*

ACCURACY

	TYPICAL	MAXIMUM
-35°C to -20°C *(-31°F to -4°F)*	±0.50°C *(±0.9°F)*	±0.75°C *(±1.35°F)*
-20°C to +20°C *(-4°F to 68°F)*	±0.35°C *(±0.63°F)*	±0.55°C *(±0.99°F)*
+20°C to +40°C *(68°F to 104°F)*	±0.50°C *(±0.9°F)*	±0.70°C *(±1.26°F)*
+40°C to +80°C *(104°F to 176°F)*	±0.70°C *(±1.26°F)*	±1.00°C *(±1.80°F)*
Full Range: -200°C to +100°C *(-328°F to 212°F)*	±3.90°C *(±7.02°F)*	±4.10°C *(±7.38°F)*

WIRELESS COMMUNICATION

Transmission Range	Up to 30 meters *(about 100 feet)*
Data Acquisition	Visual using mobile and/or web app Email as CSV and/or PDF
Signal Strength	Visible in mobile app

LOGGING OPTIONS

Logging Interval	1 min to 18 hours, user configurable
High-Resolution Logging	User can enable or disable *(logging occurs if temperature changes)*
Sampling Interval	30 seconds
Activation	Using mbile app: Immediate and Delayed Logging *(set delay interval or date & time)*
Shutdown	Using mobile app *(data logging will stop when memory is full)*
Sensor Thresholds	User configurable over full operating range
Notifications	Enable or disable SMS/email notifications indicating sensor threshold excursions

HARDWARE

Single/Multi-Use	Multi-Use		
Battery Life*	Shelf Life (inactive) 7 years	Typical** 2-4 years	Continuously Active 1.5 years
Battery Type	3V Primary Lithium Manganese Dioxide		*(non-rechargeable)*
Low Battery Indicator	Visible in mobile app		

LED INDICATOR

Upon a button press: (flashes seen)	1 green	Inactive Pod
	2 green	Active Pod
	2 red	Active Pod with a threshold excursion
	4 green	Pod currently connected to a mobile device
	4 red	Pod connected to a mobile device, with a threshold excursion

POD OPERATING RANGE (CASED)

-20°C to 60°C *(-4°F to 140°F)*

MEMORY

40,000 data points

CASE

ABS

DIMENSIONS

Pod	97 x 43 x 13 mm	*(3.8 x 1.7 x 0.5 in)*
Probe Wire***	2 meters	*(length customizable for volume orders)*
Stainless Steel, blunt tip	89 mm x 3.18 mm	*(3.5 x .125 in)*

WEIGHT

Pod Cryo	62 grams	*(2.19 oz)*

CERTIFICATIONS

Enivironment Rating: IP65

FC CE Industry Canada

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When not in use, Pods should be stored in an environment with an ambient temperature between 0°C and 30°C.
Sensor malfunction/failure can occur when Pods are exposed to condensing levels of humidity for an extended period of time.
*** Exact battery life** can vary depending on device age, use case and operating temperature. Battery life will be inherently diminished when Pods are operated continuously at temperatures below 0°C.
**** "Typical" use** of a Pod (cased) is considered to be actively logging for a total of 8-16 hours with one full log download per day, every day while operating at 0°C - 20°C.
***** Do not** pull on cable to remove probe from any container or measurement point, especially when measuring environments below -20°C. This can cause permanent damage to the probe assembly and electrical connections.
****** Do not** fully immerse any probe in liquid. If the junction between the probe and probe wire is exposed to liquids for an extended period, especially during rapid temperature changes, liquid ingress can occur and cause permanent errors in probe readings.

Terms and Conditions:

No claims, representations or warranties, whether expressed or implied, including but not limited to warranties of merchantability, fitness for a particular purpose, of title, or of noninfringement of third party rights, are made by Verigo as to the safety, reliability, durability or performance of Verigo's products. Verigo is not responsible for any liabilities resulting from negligence, misuse, modification, or alterations to the product by the user. Furthermore, Verigo accepts no liability whatsoever for the safety, reliability, durability or performance of any of its products. IN NO EVENT, REGARDLESS OF CAUSE, SHALL VERIGO BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY KIND, WHETHER ARISING UNDER BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, AND WHETHER BASED ON THIS AGREEMENT OR OTHERWISE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

User assumes responsibility for correct operation of the product and any software associated with it. User assumes responsibility for determining the suitability of the product to the user's needs, for configuring and using the product to meet those needs, and for the proper placement/location of the product in the environment it is being used. User assumes responsibility for verifying and interpreting results obtained from product use. Verigo's Pod Probe is not waterproof.

Federal Communication Commission (FCC) Compliance Statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

Industry Canada

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Avis de conformité pour l'Industrie Canada

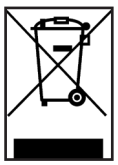
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Code of Federal Regulations (CFR)

Electronics associated with Verigo Pods are compliant with CFR Title 21.
Verigo declares that all homogeneous materials in the following devices do not exceed the maximum concentration levels of hazardous substances as described in Directive 2011/65/EU of the European Parliament or are RoHS exempt.

Android is a trademark of Google Inc. iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.

WEEE Recycling Instructions



This symbol on our product and/or its packaging indicates that this product must not be disposed of with your other household waste. WEEE (Waste Electrical and Electronic Equipment) is potentially hazardous to human and environmental health. Re-use, recycling and recovery efforts are the responsibility of all consumers, producers and representatives dealing with Electrical and Electronic Equipment. For more information on recycling, please contact either your local distributor, the retail outlet where you made your purchase or your local waste-management authority.

This Verigo Pod model is composed of ABS plastic.

VER-PG0-001, v6.2
January 9, 2018