

DICKSON PR100/300/500

PRESSURE LOGGER

Dickson's Pressure Logger records pressure from 0 to 100 PSI, 0 to 300 PSI or 0 to 500 PSI, has a waterproof stainless steel case and a 5 year battery. Its compact size, smaller than a hockey puck, is perfect for tight locations and outdoor applications. Eliminate changing chart paper and pens. View data in real time or download data when you need it.

User-friendly DicksonWare™ software makes it simple to integrate recorded pressure data into documents and spreadsheets, giving results a professional, polished look. When fulfillment of regulatory requirements or accurate recording of pressure for quality control is needed, this logger is the perfect instrument.



Specifications:

Pressure Ranges: PR100: 0-100 PSI; PR300: 0-300 PSI; PR500: 0-500 PSI

Accuracy: ±1% of full scale

Ambient Operating Conditions: +32 to +122°F (0 to +50°C) 0 to 100% RH

IP Rating: IP54

Units of Measure: PSI, Atm, Bar, milli Bar, in H₂O, ft H₂O, mm H₂O, mm HG, in Hg, Pascal, Kilopascal

Approvals: CE

Battery Type: Lithium 3.6V (user-replaceable)

Battery Life: 5 years typical at one minute sample intervals

Fitting: 1/4" NPT Thread, 5/8" Hex

Sample Point Storage: 7,936 points

Sample Interval: User selectable from 10 seconds to 24 hours in 10 second increments

Download Time: 45 seconds

Resolution: 0.1 PSI

Response Time: 10 seconds typical

Enclosure: 316 Stainless Steel

Dimensions: 1.064" x 1.975" DIA (2.70cm x 5.02cm DIA)

Weight: 4.0 oz

A015 - DicksonWare™ & Download Cable Specifications:

Compatible With: Microsoft Windows®

PC Requirements: PC w/ 386MHz or faster microprocessor, 4 MB RAM, 1 free COM (serial) port, CD drive

Cable Type/Length: 9 pin male D-shell to male 2.5mm stereo plug, 6' long

Computer Interface: RS-232 COM (serial) port

DicksonWare™ Version Required (minimum): 6.0.4.2

DICKSON

www.dicksonweb.com

930 S. Westwood Ave., Addison, IL 60101-4917

Toll Free Phone: 1-800-323-2448 • Toll Free Fax: 1-800-676-0498

All specifications are subject to change • Made in U.S.A.

rev. 07/06

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PRESSURE LOGGER

Ordering Information

To Get Started: PR100/300 or 500 and A015

Pressure Range	Order No.
0 to 100 PSI	PR100
0 to 300 PSI	PR300
0 to 500 PSI	PR500
DicksonWare™ Software and Serial Download Cable - English	A015
DicksonWare™ Software and Serial Download Cable - French	A035
DicksonWare™ Software and Serial Download Cable - Spanish	A045

Accessories

Description	Order No.
NIST Traceable Calibration 3-pt. (new units)	N300
NIST Traceable Calibration 1-pt. (new units)	N100
Pressure Fitting Accessory Kit	A791
Fire Hydrant Adapter Kit	A793
Filter Kit	R022
Steam Pressure Pigtail	A792
Locking Case	A717

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