

Document Title: Description, Manual-Pages, HYDROS 21 (CTD)		Part # 13869	
		Release Date: 4/24/2012	
Rev.	Description	Revision By	Date
1	Power requirement changed from 10 mA to .5 mA	MBW	5-9-2012
2	Inserted paragraphs about avoiding freezing temps since freezing will cause pressure transducer to fail	SLW	10-17-12
3	Update power section to recommend continuous excitement with an SDI-12 bus. (DCO-00878)	Doug/slW	11-6-12
Date -- Time	Uploaded manual to repository. Available at http://manuals.decagon.com. Please ask archivist for previous versions or use Beanstalk application.	NJR	7/24/2012
4	Fixed accuracy spec per DCO 02051. Changed Decagon information to METER.	JCP	6/6/2018
5	Rebranded for METER. Updated cable wire colors per https://app.asana.com/0/291002033173443/1169612805118576	CSC	1.13.2021
6	Updated ISO and USA DCO 18063	KB	9.2023

Online File Name:

https://publications.metergroup.com/Retired%20and%20Discontinued/Manuals/13869_HYDR OS21_GEN1_Pages.pdf

Working File Name:

<https://csicloud.sharepoint.com/:f:/r/sites/Product%20Number%20Library/Shared%20Documents/13800-13899/13869%20Discontinued?csf=1&web=1>

Colors: Full Color

Special Notes: Web Only Manual

TABLE OF CONTENTS	
1. Introduction.....	1
2. Operation.....	2
2.1 Installation.....	2
2.2 Connecting.....	4
2.2.1 Connect to METER Data Logger.....	5
2.2.2 Connect to a Non-METER Data Logger.....	5
2.3 Communication.....	7
3. System.....	8
3.1 Specifications.....	8
3.2 Components.....	11
3.3 Theory.....	11
3.3.1 Water Depth.....	11
3.3.2 Temperature.....	12
3.3.3 Electrical Conductivity.....	12
4. Service.....	13
4.1 Calibration.....	13
4.2 Cleaning.....	13
4.2.1 Pressure Transducer.....	13
4.2.2 Electrical Conductivity Sensor.....	14
4.3 Troubleshooting.....	14
4.4 Customer Support.....	15
4.5 Terms and Conditions.....	15
References.....	16
Index.....	17