GS3 Manual Pages		13822	
		Release Date: 11.29.2018	
Rev	Description	Revision By	Date
00	Update power section to recommend sensor are excited continuously. Update cleaning section to include using non-abrasive cleaner and cloth. Update contact info and delete 800 number. Removed Chapter 2: About GS3 and combined with Introduction in Chapter 1.	SLW	6.121.2012
	Uploaded manual to repository. Available at http://manuals.decagon.com. Please ask archivist for previous versions or use Beanstalk application.	NJR	7.24.2012
01	METER-zied (started) This was not in the correct METER format and was not officially released.	AG	8.30.2017
02	METER-zied (completed)	CC	5.17.2018
03	Added Europe contact info to Customer Support section	RRK	11.29.2018
04	Edited according to DCO 03438	CSC	4.30.2019
05	Update USA use in name and ISO DCO 18063 subtask	EMR	9.2023

Production Filename: https://csicloud.sharepoint.com/Product Number Library/13800-13899/13822

Dimensions: 12.5" wide x 8" tall (folded, 8"H x 6.25"W)

Colors: CMYK/Full color 4/4

Printer: Web only

Image below is for reference only. Not to scale.

TABLE OF CONTENTS

1.	Introduction
2.	Operation
	2.1 Installation
	2.2 Removing the Sensor
	2.3 Connecting
	2.3.1 Connect to METER Data Logger
	2.3.2 Connect to Non-METER Data Logger
	2.4 Communication
2	Custom
٥.	System
	3.1 Specifications
	3.2 About GS310
	3.3 Theory1
	3.3.1 Volumetric Water Content
	3.3.2 Temperature
	3.3.3 Electrical Conductivity1
	3.3.4 Converting Bulk EC to Pore EC
	3.3.5 Pore Water Versus Solution EC
4.	Service14
	4.1 Calibration14
	4.1.1 Dielectric Permittivity1
	4.1.2 Mineral Soil Calibration
	4.1.3 Calibration in Soilless Media
	4.2 Cleaning and Maintenance
	4.3 Troubleshooting