

Document Title: Description, Manual PAGES Drain Gauge G3		Part # 13677	Release Date: 1/08/2011
Rev.	Description	Revision By	Date
1	Addition of the GS sensor, changed from Saddle Stitched to bound	SLW	5-25-12
Date -- Time	Uploaded manual to repository. Available at http://manuals.decagon.com . Please ask archivist for previous versions or use Beanstalk application.	NJR	6/20/2013
3	DCO 03709 Rebranded as METER and updated with HYDROS 21 Gen 2	CSC	11.3.2021
4	<u>DCO 14719</u> updated with HYDROS 21 Gen 2	LAJ	4.20.2022
5	https://app.asana.com/0/308057532565579/1202170202886832/f <u>DCO 14789</u> Started out just adding dimensions to Figure 5 (page 20). Added dimensions then corrected dimensions once error was noted (Access Tube Dimensions and Reservoir dimensions were flipped for some reason). Corrected dimension/specification information in table on page 16	EMR	7.2022
6	DCO subtask 18063 for ISO removal and DCO 21249 for some tools/install updates https://app.asana.com/0/308057532565579/1205543961173475/f	EMR	11.2023

Production File path: http://publications.metergroup.com/Manuals/13677_G3%20Drain%20Gauge_Print.pdf

Working File Path: [SharePoint/Shared/Product Number Library/13600-13699/13677](#)

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

Colors: CMYK/Full color 4/4

Printer Type: Web or In-house printing

Material: Tabloid (11x17) Color Copy Digital

13677-G3
11/2023

TABLE OF CONTENTS

1. Introduction.....	1
2. Operation.....	2
2.1 Installation.....	2
2.1.1 Depth of Installation.....	8
2.1.2 Additional Reference Sensors.....	9
2.2 Connecting.....	9
2.2.1 Connect to METER Data Logger.....	10
2.2.2 Connect to a Non-METER Data Logger.....	11
2.3 Communication.....	12
2.4 Taking Drainage Measurements.....	13
2.5 Calculating Contaminant Concentration.....	14
3. System.....	15
3.1 Specifications.....	15
3.2 Components.....	19
3.2.1 Drain Gauge.....	19
3.2.2 Sensor.....	20
3.3 Theory.....	21
3.3.1 Divergence and Convergence of Soil Water.....	21
3.3.2 Water Balance.....	23
3.3.3 Water Depth.....	24
3.3.4 Temperature.....	24
3.3.5 Electrical Conductivity.....	24

