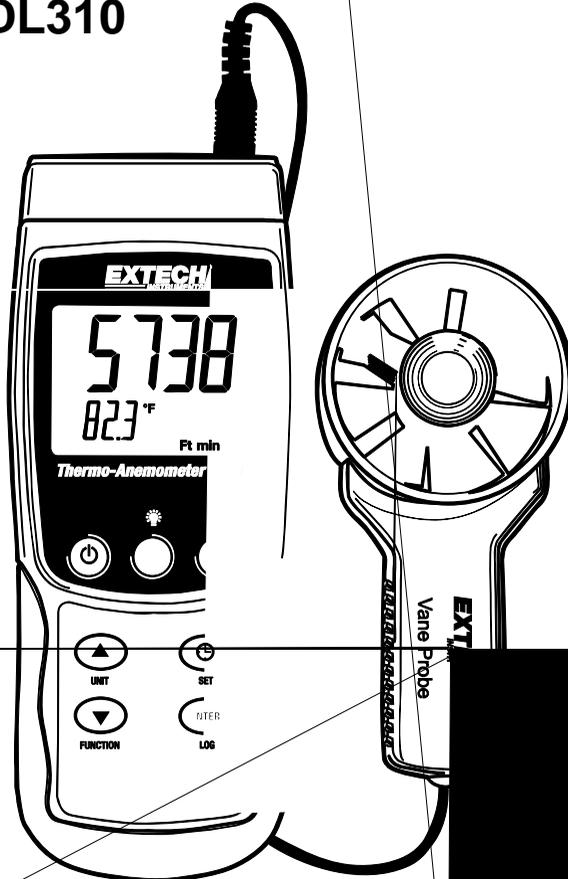


User's Guide

EXTECH[®]
INSTRUMENTS
A FLIR COMPANY

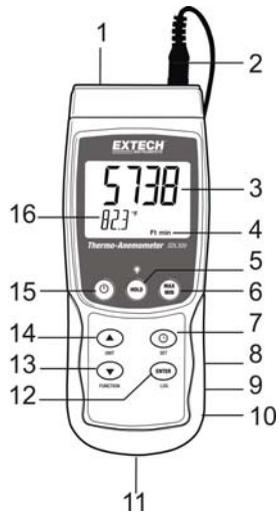
Vane Thermo-Anemometer / Datalogger

Model SDL310



Introduction

Safety



Operation

Power ON-OFF

-

MAX-MIN Readings

Display Backlight



System Reset

AC Power Adaptor

Datalogger

Types of Data Recording

- **Manual Datalogging:**
- **Automatic Datalogging:**

SD Card Information

-
-
-

20.00

20,00

Manual Datalogging

n n



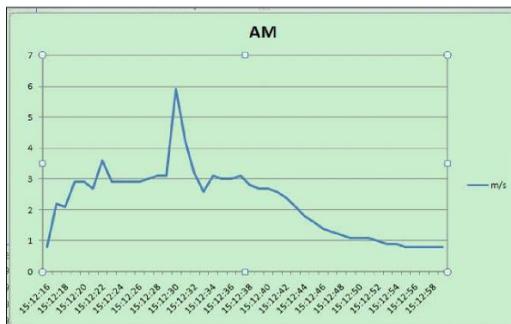
Automatic Datalogging

AMC01

AMC01001.xls

SD Data Card to PC Data Transfer

	A	B	C	D	E	F	G	H	I	J
1	Place	Date	Time	Value	Unit	Value	Unit			
2	1	2009/5/8	15:12:16	0.8	m/s		28.8	AMTemp	C	
3	2	2009/5/8	15:12:17	2.2	m/s		28.8	AMTemp	C	
4	3	2009/5/8	15:12:18	2.1	m/s		28.8	AMTemp	C	
5	4	2009/5/8	15:12:19	2.9	m/s		28.9	AMTemp	C	
6	5	2009/5/8	15:12:20	2.9	m/s		28.8	AMTemp	C	
7	6	2009/5/8	15:12:21	2.7	m/s		28.8	AMTemp	C	
8	7	2009/5/8	15:12:22	3.6	m/s		28.8	AMTemp	C	
9	8	2009/5/8	15:12:23	2.9	m/s		28.8	AMTemp	C	
10	9	2009/5/8	15:12:24	2.9	m/s		28.8	AMTemp	C	
11	10	2009/5/8	15:12:25	2.9	m/s		28.8	AMTemp	C	
12	11	2009/5/8	15:12:26	2.9	m/s		28.9	AMTemp	C	
13	12	2009/5/8	15:12:27	3	m/s		28.9	AMTemp	C	
14	13	2009/5/8	15:12:28	3.1	m/s		28.8	AMTemp	C	
15	14	2009/5/8	15:12:29	3.1	m/s		28.7	AMTemp	C	
16	15	2009/5/8	15:12:30	5.9	m/s		29.1	AMTemp	C	
17	16	2009/5/8	15:12:31	4.2	m/s		29	AMTemp	C	
18	17	2009/5/8	15:12:32	3.2	m/s		28.9	AMTemp	C	
19	18	2009/5/8	15:12:33	2.6	m/s		28.6	AMTemp	C	
20	19	2009/5/8	15:12:34	3.1	m/s		28.7	AMTemp	C	
21	20	2009/5/8	15:12:35	3	m/s		28.7	AMTemp	C	
22	21	2009/5/8	15:12:36	3	m/s		28.9	AMTemp	C	
23	22	2009/5/8	15:12:37	3.1	m/s		28.9	AMTemp	C	
24	23	2009/5/8	15:12:38	2.8	m/s		28.9	AMTemp	C	



RS-232/USB PC Interface

Setup Mode

Basic settings at a glance

Accessing the Setup mode

dAtE

Set the Beeper Sound ON or OFF
bEEP

Numerical Setting (comma or decimal)

20.00

20,00

dEC

SD Card FORMATTING
Sd-F

Set the Temperature Units of Measure (°C or °F)
t-CF

C or F

Set the Temperature Thermocouple Type (J or K)
tYPE

Battery Replacement and Disposal



Specifications

General Specifications

Electrical Specifications

Air velocity

Measurement	Range	Resolution	Accuracy

Air temperature

Measuring Range	
Resolution	
Accuracy	

Type K/J Thermocouple Thermometer Temperature

Sensor Type	Resolution	Range	Accuracy