

## DIGITAL SENSORS

### DISTANCE OUTPUT via USB

muDMS sensors use USB communication with 5,000 samples/sec maximum data rate. The standard fiberoptic cable is 914 mm (3 Feet). All units include Philtec DMS Control Software for Sensor Setup and Data Collection.

D MODELS <i>REFLECTANCE DEPENDENT</i>		
MODEL	Operating Range	
	mm	MINCH
muDMS-D6	1	40
muDMS-D12	2	80
muDMS-D20	1.25	50
muDMS-D21	2	80
muDMS-D47	5	200
muDMS-D63	3	120
muDMS-D64	6	240
muDMS-D100	10	400
muDMS-D125	15	600
muDMS-D169	19	750
muDMS-D170	30	1200
muDMS-D171	50	2000
muDMS-D240	76	3000



- 140 x 82 x 48 mm enclosure  
Includes:
- Universal AC/DC Power Adaptor
  - mini-USB to standard USB adapter cable
  - DMS Control Software

RC MODELS <i>REFLECTANCE COMPENSATED</i>		
MODEL	Operating Range	
	mm	MINCH
muDMS-RC19	0.76	30
muDMS-RC20	1.65	65
muDMS-RC25	0.76	30
muDMS-RC32	2	80
muDMS-RC60	3.2	125
muDMS-RC62	2	80
muDMS-RC63	4	160
muDMS-RC100	5	200
muDMS-RC125	9	350
muDMS-RC171	12.7	500
muDMS-RC225	25	1000
muDMS-RC290	41	1600

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### DUAL CHANNEL UNITS

Two independent sensor channels in one enclosure. Can be any two D Models or any two RC models. D and RC models can not be combined in a two-channel enclosure. Includes both USB and RS232 outputs.

D MODELS <i>REFLECTANCE DEPENDENT</i>		
MODEL	Operating Range	
	mm	MINCH
mu2DMS-D6	1	40
mu2DMS-D12	2	80
mu2DMS-D20	1.25	50
mu2DMS-D21	2	80
mu2DMS-D47	5	200
mu2DMS-D63	3	120
mu2DMS-D64	6	240
mu2DMS-D100	10	400
mu2DMS-D125	15	600
mu2DMS-D169	19	750
mu2DMS-D170	30	1200
mu2DMS-D171	50	2000
mu2DMS-D240	75	3000



- 178 x 102 x 57 mm Enclosure  
Includes:
- Universal AC/DC Power Adaptor
  - USB Cable
  - RS232 Cable
  - Control Software

RC MODELS <i>REFLECTANCE COMPENSATED</i>		
MODEL	Operating Range	
	mm	MINCH
mu2DMS-RC19	0.76	30
mu2DMS-RC20	1.65	65
mu2DMS-RC25	0.76	30
mu2DMS-RC32	2	80
mu2DMS-RC60	3.2	125
mu2DMS-RC62	2	80
mu2DMS-RC63	4	160
mu2DMS-RC100	5	200
mu2DMS-RC125	9	350
mu2DMS-RC171	12.7	500
mu2DMS-RC225	25	1000
mu2DMS-RC290	40	1600