6 Yoyo Data Loggers

2YL-T10-4M & 2YL-T10E-4M
Temperature Loggers

2YL-T11-4M & 2YL-12-4M
Multi Loggers

2YL-T15-4M & 2YL-T16-4M
Thermocouple Loggers

2YL-T14-4M, 2YL-T14E-4M, 2YL-RH24-4M & 2YL-RH24E-4M
PEEK - Oven Loggers

2YL-RH20-4M, 2YL-RH20E-4M, 2YL-RH23-4M & 2YL-RH23E-4M
Humidity Loggers

2YL-M36-4M & 2YL-M37-4M
Multi Terminal Input Loggers

2YL-M61-4M & 2YL-M62-4M
Lux Loggers

2YL-M90-4M & 2YL-M90E-4M
Multi Input Loggers

2YL-M91-4M
Weather Station Logger

Yoyo Data Loggers

Overview

Upgraded and refreshed for 2017, the Yoyo loggers are a versatile and robust data logging solution. Used in a variety of industries globally, they are a crucial part of any process which requires high accuracy data and durability.

Grant offers an extensive range of Yoyos which can measure a number of parameters including temperature, humidity, voltage, light, pressure as well as configurable voltage and current inputs. These handheld loggers are enclosed in a tough, durable polymer housing and are designed to perform in the harshest of environments – high temperature, wind, rain and even water. With a long battery life of 4 years (one reading per minute), the logger offers peace of mind, without the need for constant monitoring.

The entire Yoyo collection now has capacity of 4 million readings as standard in addition to the 'Active Start' and 'Active Stop' features, brand new for 2017. We are also happy to introduce seven new loggers to the range which include high temperature loggers in manufactured in PEEK, multi loggers with terminal inputs and a 'mini weather station' which includes sensors to measure temperature, humidity, lux and barometric pressure.

2YL-T Series Temperature Loggers

Overview

2YL-T10-4M: Single integrated temperature sensor. 4 Million readings, measuring -40 to +90°C, IP68 rated. Supplied with YoyoLog View software, USB lead and long life battery.

2YL-T10E-4M: Single external temperature sensor. 100mm long probe. 4 million readings, measuring range -40 to +90°C, IP68 rated. Supplied with YoyoLog View software, USB lead and long life battery.

NEW
Specifications
Yoyo

Key Features

• Rugged IP68 housing
• Status LED: - Indicates Alarm

                      - Low Battery Warning
• 2YL-T10-4M: Internal temperature sensor
• 2YL-T10E-4M: External temperature sensor mounted on 100mm long tube

2YL-T Series Temperature Loggers

Technical Specifications

2YL-T Series Temperature Loggers - Technical Specifications

● = standard	2YL-T10-4M	2YL-T10E-4M
Dimensions (d x h) mm	50 x 30	50 x 130
Ambient temperature range °C	-40 to +90	
Measuring range °C	-40 to +90	
Accuracy °C	±0.1 at 25	
Internal sensor resolution K	0.01	
Memory capacity (readings)	4 million	
Active start	●	
Sensor type	1 x Temperature	1 x 100mm Ext. tube
Intervals	1 second to 24 hours	
IP rating	68	
Battery type	LITH-12	
Battery life (Logging Speed) 1 minute	4 years	
10 seconds	230 days	
1 second	25 days	
Robust, shock proof	●	

2YL-T Series Temperature Loggers - Accessories

		2YL-T10-4M	2YL-T10E-4M
YoyoView Software		●	●
Wall Holder		●	●
Lead Seal Kit		●	●

Note: Optional Extras include - YoyoView Software, Calibration Certificate, Wall holder, Lead Seal Kit, Probes and Accessories.

2YL-T Series Multi Loggers

Overview

2YL-T11-4M: Multi parameter logger with single external input for temperature sensor (PT100, PT1000 or thermistor) or voltage, current, pulse or thermocouple input with appropriate connector. Internal memory 4 Million readings. Measuring range - 70 to +250°C, IP65 rated. Supplied with YoyoLog View software, USB lead and long life battery.

2YL-T12-4M: Multi parameter logger with two external inputs for temperature sensor (PT100, PT1000, thermistor, thermocouple) or voltage, current, pulse or other input with appropriate connector. Internal memory 4 Million readings. Measuring range -70 to +250°C, IP65 rated. Supplied with YoyoLog View software, USB lead and long life battery.

NEW
Specifications
Yoyo

Key Features

- Rugged IP65 housing
- Status LED: - Indicates Alarm
                       - Low Battery Warning
- 2YL-T11-4M: External probe input PT100/PT1000/Thermistor/Thermocouple or Voltage/Current/Pulse
- 2YL-T12-4M: 2 x External prope inputs PT100/PT1000/Thermistor

YL-T Series Multi Loggers

Technical Specifications

2YL-T Series Multi Loggers - Technical Specifications

● = standard	2YL-T11-4M	2YL-T12-4M
Dimensions (d x h) **mm**	50 x 33	
Ambient temperature range **°C**	-40 to +90	
Measuring range **°C**	-70 to +250	
Accuracy **°C**	±0.1 at 25	
Internal sensor resolution **K**	0.01	
Signal input	Free or low level pulses <0.5VDC and high, between 2 and 3 VDC - with YY-CS Cable	
Memory capacity (readings)	4 million	
Active start	●	
Sensor type	1 x Ext. PT100/PT1000, Voltage, Current, Pulse	2 x Ext. PT100/PT1000, Voltage, Current, Pulse
Intervals	1 second to 24 hours or Fastmode 32Hz with PT1000	
IP rating	65	
Battery type	LITH-12	
Battery life (Logging Speed) **1 minute**	4 years	
10 seconds	230 days	
1 second	25 days	
Robust, shock proof	●	

2YL-T Series Multi Loggers - Accessories

		2YL-T11-4M	2YL-T12-4M
YoyoView Software		●	●
Wall Holder		●	●
Lead Seal Kit		●	●
External Probes		Please refer to probe section for range of external probe options available for these loggers	

Note: Optional Extras include - YoyoView Software, Calibration Certificate, Wall holder, Lead Seal Kit, Probes and Accessories.

YL-T Series Thermocouple Loggers

Overview

2YL-T15-4M: Single thermocouple input (Type K, T, N, S, R, J, B, E). 4 Million readings, measuring range -100 to 1300°C, IP40 rated. Supplied with YoyoLog View software, USB lead and long life battery.

2YL-T16-4M: Two external thermocouple inputs (Type K, T, N, S, R, J, B, E). 4 Million readings, measuring range -100 to +1300°C, IP40 rated. Supplied with YoyoLog View software, USB lead and long life battery.

NEW
Specifications
Yoyo

Key Features

- Accepts Type K, T, N, S, R, J, B, E Thermocouples
- Status LED: - Indicates Alarm
                   - Low Battery Warning
- Measuring range -100 to +1300°C
- 2YL-T15-4M: External Thermocouple input
- 2YL-T16-4M: 2 x External Thermocouple inputs

2YL-T Series Thermocouple Loggers

Technical Specifications

2YL-T Series Thermocouple Loggers - Technical Specifications

● = standard	2YL-T15-4M	2YL-T16-4M
Dimensions (d x h) mm	50 x 45	
Ambient temperature range °C	-40 to +90	
Measuring range °C	-200 to +1770	
Accuracy °C	Dependent on Thermocouple	
Internal sensor resolution K	0.01	
Memory capacity (readings)	4 million	
Active start	●	
Sensor type	1 x Thermocouple	2 x Thermocouple
Intervals	1 second to 24 hours or Fastmode, 2Hz	
IP rating	40	
Battery type	LITH-12	
Battery life (Logging Speed) 1 minute	4 years	
10 seconds	230 days	
1 second	25 days	
Robust, shock proof	●	
Suitable Probes	Thermocouples - K, T, J, B, E, N, R, S	

2YL-T Series Thermocouple Loggers - Accessories

		2YL-T15-4M	2YL-T16-4M
YoyoView Software		●	●
Wall Holder		●	●
Lead Seal Kit		●	●
Type K thermocouple		-	-

Note: Optional Extras include - YoyoView Software, Calibration Certificate, Wall holder, Lead Seal Kit, Probes and Accessories.

2YL-T & 2YL-RH Series PEEK - Oven Loggers

Overview

2YL-T14-4M: Single intergrate temperature sensor for high temperature disinfection and cleaning applications. 4 Million readings, measuring range -40 to +150°C, IP68 rated. Supplied with YoyoLog View software, USB lead and long life battery. Calculates A0 Value according to EN 15883-1.

2YL-T14E-4M: Single external temperature sensor, 100mm long, for high temperature disinfection and cleaning applications. 4 Million radings, measuring range -40 to +150°C, IP68 rated. Supplied with YoyoLog View software, USB lead and long life battery. Calculates A0 Value according to EN 15883-1.

2YL-RH24-4M: Single integrated temperature and humidity sensors for high temperature applications. 4 Million readings, measuring range -40 to +140°C, IP65 rated. Supplied with YoyoLog View software, USB lead and long life battery.

2YL-RH24E-4M: Single external temperature and humidity sensors 100mm probe for high temperature applications. 4 Million readings, measuring range -40 to +140°C, IP65 rated. Supplied with YoyoLog View software, USB lead and long life battery.

Key Features

2YL-T14-4M & 2YL-T14E-4M

- Rugged IP68 housing (PEEK) for high temperatures
- -40 to +150°C operating range
- Calculates A0 Value according to EN 15883-1
- Status LED: - Indicates Alarm
    - Low Battery Warning
- 2YL-T14-4M: Internal temperature sensor
- 2YL-T14E-4M: Temperature sensor mounted externally

Key Features

2YL-RH24-4M & 2YL-RH24E-4M

- Rugged IP65 housing (PEEK) for high temperatures
- -40 to +140°C operating range
- Applications include Food, Pharmaceutical process monitoring
- Status LED: - Indicates Alarm
    - Low Battery Warning
- 2YL-RH24-4M: Humidity and Temperature sensor mounted internally
- 2YL-RH24E-4M: External Humidity and Temperature sensor mounted within a rugged sintered cap
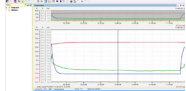
NEW Yoyo Logger
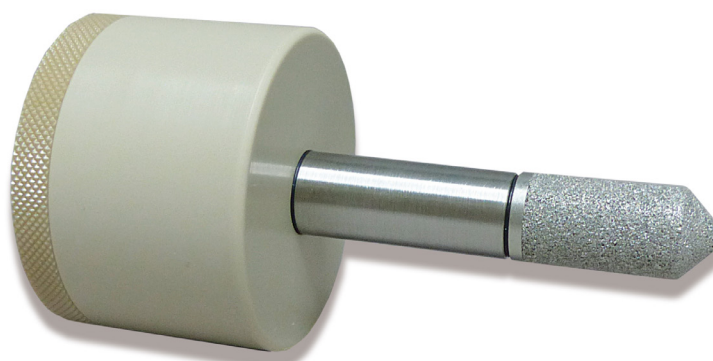
2YL-T & 2YL-RH Series PEEK - Oven Loggers

Technical Specifications

2YL-T & 2YL-RH Series PEEK - Oven Loggers - Technical Specifications

● = standard		2YL-T14-4M	2YL-T14E-4M	2YL-RH24-4M	2YL-RH24E-4M
Dimensions (d x h)	mm	50 x 30	50 x 80	50 x 30	50 x 76
Ambient temperature range	°C	-40 to +150		-40 to +140	
Measuring range	°C	-40 to +150		-40 to +140	
Accuracy	°C	±0.5 at 25		±1.5 hPA/±0.5 hPA	
Internal sensor resolution	K	0.01			
Memory capacity (readings)		4 million			
Active start		●			
Sensor type		Internal Temperature Sensor	External Tube Sensor	Internal Temperature Sensor	External Temperature and Humidity Tube
Humidity Sensor (internal and external)		-		0 to 100% RH / 0.01% RH	
Intervals		1 second to 24 hours			
IP rating		68		65	
Battery type		LITH-35			
Battery life (Logging Speed) 1 minute		4 years			
10 seconds		230 days			
1 second		25 days			
Robust, shock proof		●			
Peek		●			

2YL-T & 2YL-RH Series PEEK - Oven Loggers - Accessories

		2YL-T14-4M	2YL-T14E-4M	2YL-RH24-4M	2YL-RH24E-4M
YoyoView Software		●	●	●	●
Wall Holder		●	●	●	●
Lead Seal Kit		●	●	●	●

Note: Optional Extras include - YoyoView Software, Calibration Certificate, Wall holder, Lead Seal Kit, Probes and Accessories.

2YL-RH Series Humidity Loggers

Overview

2YL-RH20-4M: Single integrated temperature and humidity sensors. 4 Million readings, measuring range -40 to +90°C, IP65 rated. Supplied with YoyoLog View software, USB lead and long life battery.

2YL-RH20E-4M: External temperature and humidity sensors, 100mm long probe. 4 Million readings, operating range -40 to +90°C, IP65 rated. Supplied with YoyoLog View software, USB lead and long life battery.

2YL-RG23-4M: Integrated temperature, humidity and pressure sensors. 4 Million readings, measuring range -40 to +90°C, IP65 rated. Supplied with YoyoLog View software, USB lead and long life battery.

2YL-RH23E-4M: Integrated pressure sensor and external temperature and humidity sensor, 100mm long probe. 4 Million readings, measuring range -40 to +100°C, IP65 rated. Supplied with YoyoLog View software, USB lead and long life battery.

Key Features

2YL-RH20-4M & 2YL-RH20E-4M

- Rugged IP65 housing
- Ideal for Ambient RH measurement
- Status LED: - Indicates Alarm
                              - Low Battery Warning
- Internal Humidity and Temperature sensors

Key Features

2YL-RH23-4M & 2YL-RH23E-4M

- Rugged IP65 housing
- Ideal for Ambient RH and Pressure measurement
- Status LED: - Indicates Alarm
                              - Low Battery Warning
- 2YL-RH23-4M: Internal Humidity, Temperature and Barometric Pressure sensors
- 2YL-RH23E-4M: Humidity, Temperature sensors mounted externally. Internal Barometric Pressure

NEW Specifications **Yoyo**

2YL-RH Series Humidity Loggers

Technical Specifications

2YL-RH Series Humidity Loggers - Technical Specifications

● = standard		2YL-RH20-4M	2YL-RH20E-4M	2YL-RH23-4M	2YL-RH23E-4M
Dimensions (d x h)	mm	50 x 30	50 x 130	50 x 33	50 x 130
Ambient temperature range	°C	-40 to +90			
Measuring range	°C	-40 to +90			
Accuracy	°C	±2% RH and ±0.3		±1.5 hPA/±0.5 hPA	
Internal sensor resolution	K	0.01			
Memory capacity (readings)		4 million			
Active start		●			
Sensor type		1 x Temperature, 1 x Humidity	1 x 100mm Ext. Temperature + RH Steel Tube	Built in Temperature, RH and Pressure	Built in Temperature and RH, 2 x Ext. PT1000
Humidity Sensor (Internal abd External)		0 to 100% RH/0.01% RH			
Barometric Pressure Range & Resolution		-		10 to 1100 hPa/0.1 hPa	
Intervals		1 second to 24 hours		1 second to 24 hours or Fastmode 2 Hz	
IP rating		65			
Battery type		LITH-12			
Battery life (Logging Speed) 1 minute		4 years			
10 seconds		230 days			
1 second		25 days			
Robust, shock proof		●			

2YL-RH Series Humidity Loggers - Accessories

		2YL-RH20-4M	2YL-RH20E-4M	2YL-RH23-4M	2YL-RH23E-4M
YoyoView Software		●	●	●	●
Wall Holder		●	●	●	●
Lead Seal Kit		●	●	●	●

Note: Optional Extras include - YoyoView Software, Calibration Certificate, Wall holder, Lead Seal Kit, Probes and Accessories.

2YL-M Series Multi Terminal Input Loggers

Overview

2YL-M36-4M: Flexible input logger with terminal blocks for two external sensors types PT100/1000, T/C, voltage, current, digital RH/T, soil moisture. 4 Million readings, measuring range -40 to +90°C, IP40 rated. Supplied with YoyoLog View software, USB lead and long life battery.

2YL-M37-4M: Flexible input logger with terminal blocks for two external sensors types PT100/1000, T/C, voltage, current, digital RH/T, soil moisture. Input for Strain Gauge sensors. 4 Million readings, measuring range -40 to +90°C, IP65 rated. Supplied with YoyoLog View software, USB lead and long life battery.

NEW
Yoyo
Logger

Key Features

- Plugs included to connect 1 or 2 sensors
- Status LED: - Indicates Alarm

            - Low Battery Warning
- Works with many standard sensors - configurable
- 2YL-M36-4M: - Flexible input

            - Logger can output excitation voltage
- 2YL-T37-4M: - Strain Gauge

            - Logger can supply a high precision constant current

2YL-M Series Multi Terminal Input Loggers

Technical Specifications

2YL-M Series Multi Terminal Input Loggers - Technical Specifications

● = standard	2YL-M36-4M	2YL-M37-4M
Dimensions (d x h) mm	50 x 33	
Ambient temperature range °C	-40 to +90	
Internal sensor resolution K	0.01	
Memory capacity (readings)	4 million	
Active start	●	
Sensor type	Flexible Input Terminals - All Sensors	Flexible Input Terminals - All Sensors + Strain Gauge
Intervals	1 second to 24 hours	
IP rating	40	
Battery type	LITH-12	
Battery life (Logging Speed) 1 minute	4 years	
10 seconds	230 days	
1 second	25 days	
Robust, shock proof	●	

2YL-M Series Multi Terminal Input Loggers - Accessories

		2YL-M36-4M	2YL-M37-4M
YoyoView Software		●	●
Wall Holder		●	●
Lead Seal Kit		●	●

Note: Optional Extras include - YoyoView Software, Calibration Certificate, Wall holder, Lead Seal Kit, Probes and Accessories.

2YL-M Series Lux Loggers

Overview

2YL-M61-4M: Single channel for luminance measurement. 4 Million readings, measuring range 0 - 40000Lux, operating temperature range -40 to +90°C, IP65 rated. Supplied with YoyoLog View software, USB lead and long life battery.

2YL-M62-4M: Multi channel logger for luminance measurement with integrated temperature and humidity sensors. 4 Million readings, measuring range -40 to +90°C, IP65 rated. Supplied with YoyoLog View software, USB lead and long life battery.

NEW
Specifications
Yoyo

Key Features
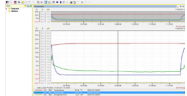
- Rugged IP65 housing
- Status LED: - Indicates Alarm
                   - Low Battery Warning
- 2YL-M61-4M: Intergrated Lux sensor
- 2YL-M62-4M: Intergrated Lux, Temperature and Humidity sensors

2YL-M Series Lux Loggers

Technical Specifications

2YL-M Series Lux Loggers - Technical Specifications

● = standard	2YL-M61-4M	2YL-M62-4M
Dimensions (d x h) mm	50 x 30	
Ambient temperature range °C	-40 to +90	
Measuring range °C	0 to 40000 Lux	0 to 40000 Lux, -40 to +90
Accuracy °C	± 20%	
Internal sensor resolution	1 Lux	
Memory capacity (readings)	4 million	
Active start	●	
Sensor type	Single Channel Luminescence	Single Channel for Luminocity. Integrated 1 x Temperature, 1 x RH
Humidity Sensor (Internal and External)	0 to 100% RH/0..1% RH	
Intervals	1 second to 24 hours	
IP rating	65	
Battery type	LITH-12	
Battery life (Logging Speed) 1 minute	4 years	
10 seconds	230 days	
1 second	25 days	
Robust, shock proof	●	

2YL-M Series Lux Loggers - Accessories

		2YL-M61-4M	2YL-M62-4M
YoyoView Software		●	●
Wall Holder		●	●
Lead Seal Kit		●	●

Note: Optional Extras include - YoyoView Software, Calibration Certificate, Wall holder, Lead Seal Kit, Probes and Accessories.

2YL-M Series Multi Input Loggers

Mini Weather Squirrel

Overview

2YL-M90-4M: Integrated temperature and humidity sensors and 2 configurable channels. Accepts probes for temperature, humidity, voltage, current, luminance, CO2 and more. 4 Million readings, operating range -40 to +90°C, IP65 rated. Supplied with YoyoLog View software, USB lead and long life battery.
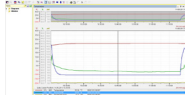
2YL-M90E-4M: External temperature and humidity sensors 100mm long probe. 2 configurable channels accept probes for temperature, humidity, voltage, current, luminance, CO2 and more. 4 Million readings, operating range -40 to +90°C, IP65 rated. Supplied with YoyoLog View software, USB lead and long life battery.

NEW
Specifications
Yoyo

Key Features

- Rugged IP65 housing
- Status LED: - Indicates Alarm
  - Low Battery Warning
- Accepts 2 x External Probes
- Multi function logger
- 2YL-M90-4M: Intergrated Temperature and Humidity sensors
- 2YL-M90E-4M: Temperature and Humidity sensors mounted externally

2YL-M Series Multi Input Loggers

Technical Specifications

2YL-M Series Multi Input Loggers - Technical Specifications

● = standard		2YL-M90-4M	2YL-M90E-4M
Dimensions (d x h)	mm	50 x 33	50 x 120
Ambient temperature range	°C	-40 to +90	
Measuring range	°C	-70 to +250 with Probe	
Accuracy	°C	±0.1 at 25°C	
Internal sensor resolution	K	0.01	
Signal input		Free or low level pulses <0.5VDC amd high, between 2 and 3 VDC - with YY-CS Cable	
Memory capacity (readings)		4 million	
Active start		●	
Sensor type		Multilogger - Internal Temperature/Humidity + External Probes	Multilogger - Internal Temperature/Humidity + External Probes + Extended Temperature/Humidity
Humidity Sensor (Internal and External)		0 to 100% RH/0.01% RH	
Voltage Pulses range		0 to 65000 pulses, interval 0 to 100 pulses per second	
Voltage resolution		1Hz, 1 Pulse	
Intervals		1 second to 24 hours	
IP rating		65	
Battery type		LITH-12	
Battery life (Logging Speed) 1 minute		4 years	
10 seconds		230 days	
1 second		25 days	
Robust, shock proof		●	
Suitable Probes		PT100/PT1000	

2YL-M Series Multi Input Loggers- Accessories

		2YL-M90-4M	2YL-M90E-4M
YoyoView Software		●	●
Wall Holder		●	●
Lead Seal Kit		●	●
External Probes		Please refer to probe section for range of external probe options available for these loggers	

Note: Optional Extras include - YoyoView Software, Calibration Certificate, Wall holder, Lead Seal Kit, Probes and Accessories.

2YL-M Series Weather Station Logger

Mini Weather Squirrel

Overview

2YL-M91-4M: Datalogger with integrated sensors for humidity, temperature, light and barometric pressure as well as two sockets for external probes and signals. 4 Million readings, operating range -40 to +90°C, IP65 rated. Supplied with YoyoLog View software, USB lead and long life battery.

NEW
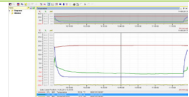**Yoyo**
Logger

Key Features

- Rugged IP65 housing
- Status LED: - Indicates Alarm

                           - Low Battery Warning
- Accepts 2 x External Probes
- Multi function logger
- Intergrated Barometric Pressure, Temperature and Humidity sensors

2YL-M Series Weather Station Logger

Technical Specifications

2YL-M Series Weather Station Logger - Technical Specifications

● = standard	2YL-M91-4M
Dimensions (d x h) mm	50 x 33
Ambient temperature range °C	-40 to +90
Measuring range °C	-40 to +90 (Internal)
Internal sensor resolution K	0.01
Memory capacity (readings)	4 million
Active start	●
Sensor type	Internal Temperature/Humidity, Pressure + Light
Humidity Sensor (Internal and External)	0 to 100% RH/0.01% RH
Barometric Pressure Range + Resolution	10 to 1100 hPa/0.1 hPa
Intervals	1 second to 24 hours
IP rating	65
Battery type	LITH-12
Battery life (Logging Speed) 1 minute	4 years
10 seconds	230 days
1 second	25 days
Robust, shock proof	●

2YL-M Series Weather Station Logger - Accessories

		2YL-M91-4M
YoyoView Software		●
Wall Holder		●
Lead Seal Kit		●
External Probes		**Please refer to probe section for range of external probe options available for these loggers**

Note: Optional Extras include - YoyoView Software, Calibration Certificate, Wall holder, Lead Seal Kit, Probes and Accessories.

7 Yoyo View Software

YY-100 & YY-200
Yoyo View Software
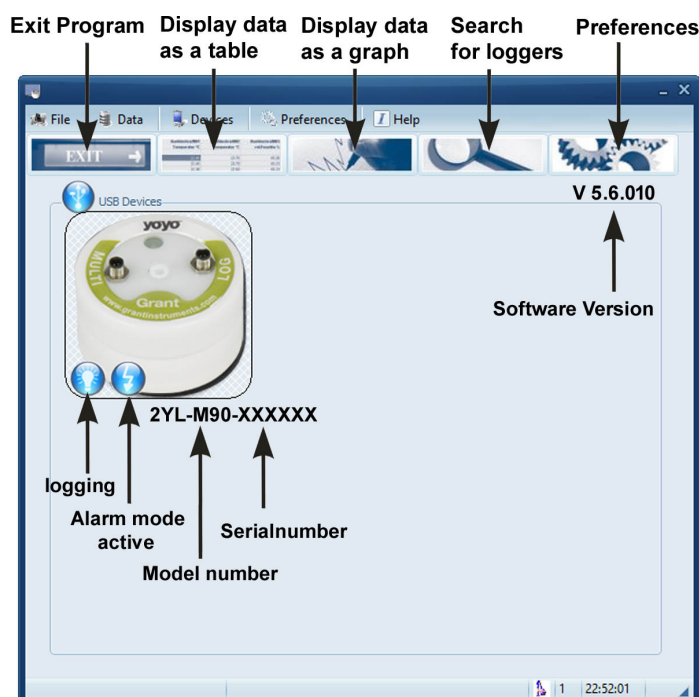
YoyoView Software

YoyoView (part number YY-100)

The basic software (YY-100), included with the logger, is suitable for configuring the logger, downloading basic data and exporting data. The yoyo logger can be connected to laptop or PC via a USB port.

YoyoView Plus software (part number YY-200)

In addition to the functionality of the basic software, the optional upgrade offers more complex analyses of data, charts and statistics.

- Three scalable Y-axes
- Zoom function
- Cursor readings
- Display in spreadsheet format
- Combination of a series of measurements in one chart
- Definition of thresholds
- Y/T-charts (values over time)
- Statistics (min, max and average values)
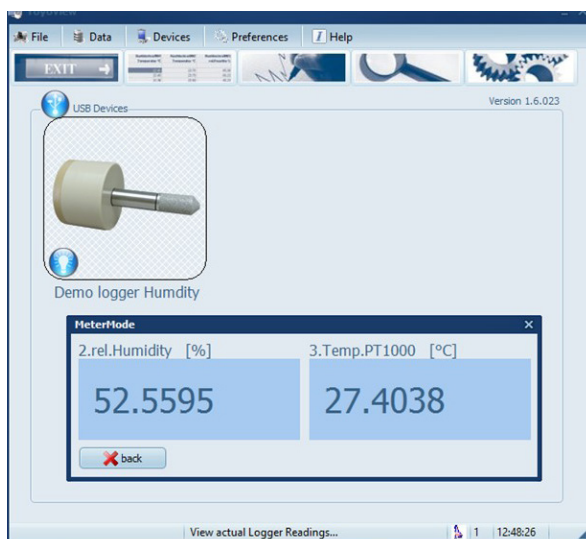- Online metering (display actual values)

YoyoView Software
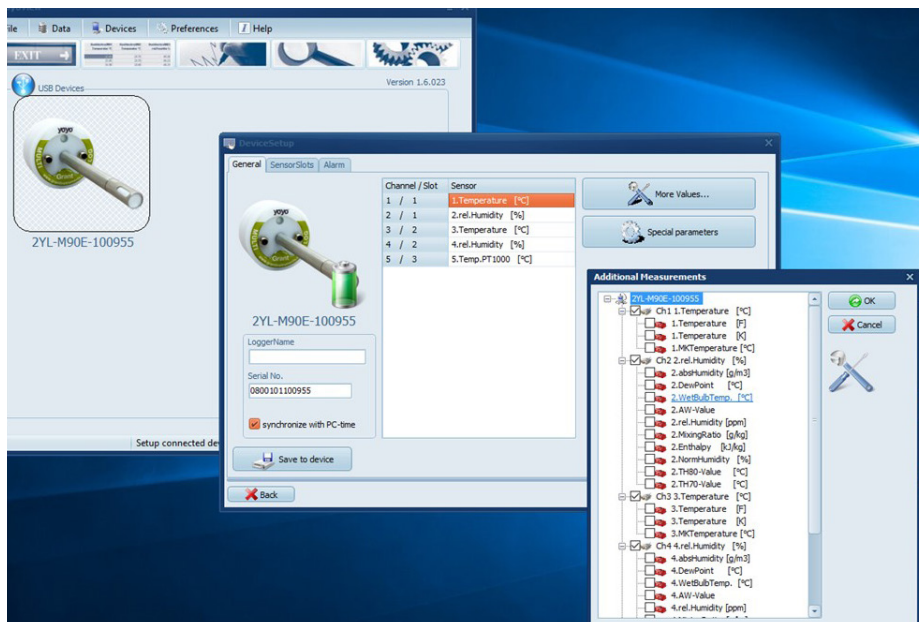
Easy, intuitive channel set up and configuration, select the parameters you want eg. dewpoint, absolute humidity etc.

Zoom feature and custom display settings for graphical output, change colour schemes and add limit values.

Meter Mode displays results in real time on your PC.

8 Yoyo Probes & Accessories

Yoyo Probes

Generl purpose Humidity/Temperature Probes, Surface Temperature Probes, Magnetic Surface Probes, Extra small Humidity/Temperature Probes, Wall-Saturation Humidity/Temperature Probes, Boundary Layer Humidity/Temperature Probes, Moisture (Condensation) Probes, Soil Moisture Probes, General Purpose Probes, Fast response Air-Temperature Sensor,Type K Thermocouple probes

Yoyo Cables & Accessories

Connection Cable & Accessories

Yoyo Probes

Summary of Specifications

Probe	Product		Yoyos Compatible with Probe
General purpose Humidity/Temperature Probes			
YS-RHT120-2	**2m PTFE cable, 120°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-RHT120-5	**5m PTFE cable, 120°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-RHT80-2	**2m PVC cable, 80°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-RHT80-5	**5m PVC cable, 80°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
Surface Temperature Probes			
YS-EU120-2	**2m PTFE cable, 120°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-EU120-5	**5m PTFE cable, 120°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-EU80-2	**2m PVC cable, 80°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-EU80-5	**5m PVC cable, 80°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
Magnetic Surface Probes			
YS-EUM80-2	**2m PVC cable, 80°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-EUM80-5	**5m PVC cable, 80°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
Extra small Humidity/Temperature Probes			
YS-RHT-XXS120-2	**2m PTFE cable, 120°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-RHT-XXS120-5	**5m PFTE cable, 120°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-RHT-XXS80-2	**2m PVC cable, 80°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-RHT-XXS80-5	**2m PVC cable, 80°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
Wall-Saturation Humidity/Temperature Probes			
YS-RHTO-2	**2m PVC cable, 80°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-RHTO-5	**5m PVC cable, 80°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
Boundary Layer Humidity/Temperature Probes			
YS-RHTW-2	**2m PVC cable, 90°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-RHTW-5	**5m PVC cable, 80°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
Moisture (Condensation) Probe			
YS-SHS-2	**2m PVC cable, 80°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-SHS-5	**5m PVC cable, 80°C**		2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
Soil Moisture Probe			
YS-ECH2O-2	**2m cable**		2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M

Yoyo Probes

Summary of Specifications		
Probes	**Product**	**Yoyos Compatible with Probe**
General purpose Probes		
YS-CML120-2	D-4mm, L-100mm, 2m PTFE cable, 120°C	2YL-T11-4M, 2YL-T12-4M, 2YL-T15-4M, 2YL-T16-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-CML120-5	D-4mm, L-100mm, 5m PTFE cable, 120°C	2YL-T11-4M, 2YL-T12-4M, 2YL-T15-4M, 2YL-T16-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-CML80-2	D-4mm, L-100mm, 2m PVC cable, 80°C	2YL-T11-4M, 2YL-T12-4M, 2YL-T15-4M, 2YL-T16-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-CML80-5	D-4mm, L-100mm, 5m PVC cable, 80°C	2YL-T11-4M, 2YL-T12-4M, 2YL-T15-4M, 2YL-T16-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-CMS120-2	D-4mm, L-50mm, 2m PTFE cable, 120°C	2YL-T11-4M, 2YL-T12-4M, 2YL-T15-4M, 2YL-T16-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-CMS120-5	D-4mm, L-50mm, 5m PTFE cable, 120°C	2YL-T11-4M, 2YL-T12-4M, 2YL-T15-4M, 2YL-T16-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-CMS80-2	D-4mm, L-50mm, 2m PVC cable, 80°C	2YL-T11-4M, 2YL-T12-4M, 2YL-T15-4M, 2YL-T16-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-CMS80-5	D-4mm, L-50mm, 5m PVC cable, 80°C	2YL-T11-4M, 2YL-T12-4M, 2YL-T15-4M, 2YL-T16-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
Fast response Air-Temperature Sensor		
YS-FR120-2	2m PTFE cable, 120°C	2YL-T11-4M, 2YL-T12-4M, 2YL-T15-4M, 2YL-T16-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-FR120-5	5m PTFE cable, 120°C	2YL-T11-4M, 2YL-T12-4M, 2YL-T15-4M, 2YL-T16-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-FR80-2	2m PVC cable, 80°C	2YL-T11-4M, 2YL-T12-4M, 2YL-T15-4M, 2YL-T16-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-FR80-5	5m PVC cable, 80°C	2YL-T11-4M, 2YL-T12-4M, 2YL-T15-4M, 2YL-T16-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
Type K Thermocouples Probes		
YS-MT15-2	2m cable	2YL-T15-4M, 2YL-T16-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YS-MT15-5	5m cable	2YL-T15-4M, 2YL-T16-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M

Yoyo Cables & Accessories

Summary of Specifications

Cables	Product	Yoyos Compatible with Cables
Connection Cable		
YY-CS-V-2000-4	2m for voltages between 1V & 10V. Max 80°C	2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YY-CS-V-5000-4	5m for voltages between 1V & 10V. Max 80°C	2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YY-CS-G-2000-4	2m for temperature probes, pulse signals (<5V), voltage signals (<1V). Max 260°C	2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YY-CS-G-5000-4	5m for temp probes, pulse signals (<5), voltage signals (<1V). Max 260°C	2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YY-CU-V-2000-4	2m for voltages between 1V & 10V. Max 80°C	2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YY-CU-V-5000-4	5m for voltages between 1V & 10V. Max 80°C	2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YY-CI-V-2000-4	2m for current measurement <24mA. Max 80°C	2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YY-CI-V-5000-4	5m for current measurement <24mA. Max 80°C	2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YY-CP-V-2000-4	2m for pulse logger (pulses between 5V-24V). Max 80°C	2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YY-CP-V-5000-4	5m for pulse logger (pulses between 5V - 24 V). Max 80°C	2YL-T11-4M, 2YL-T12-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YY-CP-V-2000-0	2m (pulses between 5V - 24 V). Max 80°C. Doesn't include YY-FLEX-CON)	2YL-M36-4M, 2YL-M37-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M

Summary of Specifications

Accessories	Product	Yoyos Compatible with Accessories
YY-FLEX-CON-SET	Set of five Green Connectors (5pin)	2YL-M36-4M, 2YL-M37-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YY-351-OM	Radiation Screen, including Offset Mount	2YL-T10E-4M, 2YL-RH20E-4M, 2YL-RH23E-4M, 2YL-M90E-4M
YY-RG	Rain Gauge	2YL-T11-4M, 2YL-T12-4M, 2YL-M36-4M, 2YL-M37-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YY-B1	Base Plate & fitting for rain gauge	2YL-T11-4M, 2YL-T12-4M, 2YL-M36-4M, 2YL-M37-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YY-WH20	Wallmount for Yoyo logger including 1 wire, 1x seal	2YL-T10-4M, 2YL-10E-4M, 2YL-T11-4M, 2YL-T12-4M, 2YL-T14-4M, 2YL-T14E-4M, 2YL-T15-4M, 2YL-T16-4M, 2YL-RH20-4M, 2YL-RH20E-4M, 2YL-RH23-4M, 2YL-RH23E-4M, 2YL-RH24-4M, 2YL-RH24-E-4M, 2YL-M36-4M, 2YL-M37-4M, 2YL-M61-4M, 2YL-M62-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M
YY-WS50	Set of 50 wires and 50 seals	2YL-T10-4M, 2YL-10E-4M, 2YL-T11-4M, 2YL-T12-4M, 2YL-T14-4M, 2YL-T14E-4M, 2YL-T15-4M, 2YL-T16-4M, 2YL-RH20-4M, 2YL-RH20E-4M, 2YL-RH23-4M, 2YL-RH23E-4M, 2YL-RH24-4M, 2YL-RH24-E-4M, 2YL-M36-4M, 2YL-M37-4M, 2YL-M61-4M, 2YL-M62-4M, 2YL-M90-4M, 2YL-M90E-4M, 2YL-M91-4M

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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

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