

Temperature, Rh & Leaf Wetness Recorder

Field Proven Performers

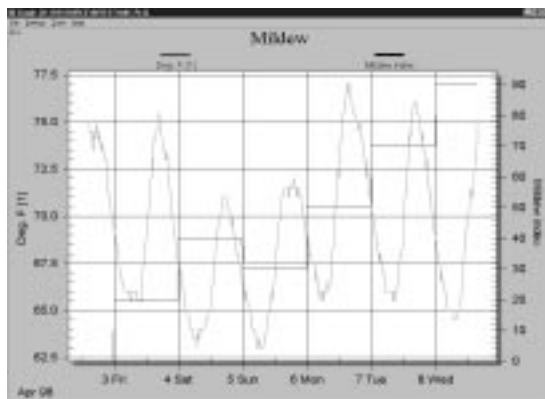
These Field Stations package the power of our rugged recorders in a high-quality shelter and radiation shield. This is the solution for insuring easy, accurate field data acquisition. The temperature only model FS-T is perfect for tracking chill-hours and growing degree-days. The temperature and humidity model FS-TH gives you the power to monitor dew-point, mildew, and more. Plus, you can add a leaf-wetness sensor to either model. With these simple, self-contained units you're set up and reliably recording data in minutes. Retrieve the data directly to your PC, or use our handy Transporter™ data shuttle. Our WinDataSoft™ management software's built-in calculations let you plot dew-point, mildew-index, growing degree-days, and much, much more with point and click ease. Our DataScribe Field Stations are the complete, affordable, field management solution.

Field Stations feature:

- ◆ quality radiation shield insures accurate data
- ◆ data retrieval does not interrupt logging
- ◆ large non-volatile memory protects data
- ◆ linear, high-accuracy sensors
- ◆ start at future date & time option
- ◆ date/time stamped out-of-limit alarms
- ◆ Transporter™ data shuttle compatible
- ◆ runs for a year using 9V battery
- ◆ Y2K compliant and CE certified

Field Stations are perfect for:

- ◆ vineyards
- ◆ integrated pest mangement
- ◆ monitoring degree-days
- ◆ assessing pathological risks
- ◆ monitoring microclimates
- ◆ making planting decisions



Superior Software

Our WinDataSoft software's powerful features include:

- ◆ annotate graph & save with data
- ◆ overlay multiple plots
- ◆ complete control of plot scales
- ◆ individual sensor scale selection
- ◆ control plot colors & symbols
- ◆ export or browse all data or daily min/max
- ◆ create custom plot, scale & calculation setups
- ◆ apply custom setups to any data record

Powerful Calculations Built-in

Quite struggling with exports and spreadsheets! We've designed our software to solve problems, not create them! *Our software is the only one that includes the most desired calculations and treats them just like any physical sensor!* Just go to the display pick-list and click on the calculation you want to add. If any additional information is needed to perform the calculation enter it in the window that appears, then click "Ok". A plot of the results is added to the graph. If you browse or export the data, the calculated values are included also! It doesn't get any easier, or more accurate. Our many calculations include:

- ◆ Dew point, Wet bulb & Abs Humidity
- ◆ Dormancy Ratio
- ◆ Mean Kinetic Temperature
- ◆ Growing Degree Days (10 methods)
- ◆ Mildew Index (3 methods)
- ◆ Shelf Life (Permanence ratio)

Temperature, Rh & Leaf Wetness Recorder

Temperature Sensor

Type:	Precision Direct Digital IC linear, full resolution over range
Range:	-30 to +150 F (Internal Sensor) -22 to +65 C
	-40 to +257 F (Remote Sensor) -45 to +125 C
Resolution:	0.1 F or 0.5 F
Accuracy:	0.5 F

Humidity Sensor

Type:	Thin film polymer capacitive Unaffected by total saturation Unaffected by most chemicals
Range:	0 to 100% Rh
Resolution:	0.5%
Accuracy:	+/- 3%

Leaf Wetness Sensor

Type:	AC driven resistance grid
Range:	0 to 100%

General

Memory:	65,000 Bytes
Intervals:	1 minute to 24 hours
Clock Accuracy:	+/- 5 seconds per day
Battery:	9V Alkaline or U9VL Lithium
Life:	Alkaline: 1 year (typical) Lithium: 2 to 3 years (typical)
Shelter:	UV resistant white ABS, 8.5 x 7.0 x 8.0 inches battery holder and connector on bottom.
Mounting:	Screw to Post, or clamp on 1.25" pipe

Features

Starts immediately, or at a user programmable Date & Time.

Memory and setup are saved if battery is removed.

Fast data retrieval doesn't interrupt logger operation!

Compatible with our Transporter™ data shuttle.

Displays current, min/max, and alarm values when attached to a Transporter™.

Fully Year 2000 Compliant.
CE, ICES-003, and FCC certified.

Full 1 year warranty and "No Risk" satisfaction guarantee!

Options

Transporter: Our Transporter data shuttle is the perfect field companion to your DataScribe. This pocket-portable instrument allows you to retrieve the data from as many as 32 DataScribes. It's built-in display instantly shows the battery condition, current readings, min/max readings, and alarm states of the attached DataScribe.

Other Models: Other DataScribes models are available to monitor temperature and humidity during storage or shipping. We also manufacture other recorders for most every application and price range. Give us a call!

Remarkably Reliable

Our first DataScribes were introduced over 10 years ago! Since day one they've been built to survive the toughest field conditions. They're assembled in our US facilities to the highest quality standards and thoroughly tested. We proudly stand behind them and confidently offer a full 1 year warranty.

No Risk

Prove to yourself that a DataScribe is the perfectly affordable solution for your application. Take advantage of our 30 day satisfaction guarantee. If you're not completely satisfied for any reason, just return it for a complete refund. So, give us a call at (707) 961-1016 or drop by our Web site at <http://www.avatel.com>.

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