

## Two-Channel Electronic Paperless Recorders

Save money while getting accurate readings

- Choose your view—dual trend, dual digital, digital inverted, or split screen
- No difficult setup with user-friendly database



This electronic digital paperless recorder offers two universally configurable isolated inputs plus four internal alarm set points, two alarm relay outputs, and one digital control input. A maximum sample storage rate of 100 samples per second can be set for both channels allowing you to capture short process signal anomalies.



USB communication model (80816-02) provides access to data stored on CompactFlash cards or the ability to collect real-time data via USB port and included cable. Select the Ethernet communication model (80816-04) to network access to data card files utilizing 10/100BaseT Ethernet via the RJ45 connector mounted on the back of the recorder.

The optional Navigator software (80816-06) makes reviewing, printing, and exporting your data simple.

**What's included:** Navigator Lite software demo, power supply (100 to 240 VAC, 50/60 Hz), and a 6-ft (1.8-m) power cord.



### Specifications

<p><b>Input range</b> DC voltage: 0 to 250 mV, 0 to 1.25 V, 0 to 2.5 V, 0 to 5 V, 0 to 12.5 V, 0 to 25 V DC current: 0 to 20 mA, 4 to 20 mA, 0 to 50 mA <b>Thermocouple:</b> J, K, T, E <b>RTD:</b> 100 Ω Pt 385, 100 Ω Pt 392 <b>Frequency:</b> 0 to 10,000 Hz; 0 to 600,000 rpm (±1 rpm below 9999, ±10 rpm above 9999) <b>Input resolution:</b> 0.025% full-scale; 13 bit</p>	<p><b>Input impedance:</b> &gt;100 KΩ <b>Recording rates:</b> selectable from 100 per second to 10 minutes <b>Measurement rates:</b> up to 100 samples/sec per channel <b>Virtual chart speed:</b> 0.75 in./sec to 1.0 in./10 hr <b>Storage media/capacity:</b> CompactFlash card, 64 megabyte to 2 gigabyte <b>Power:</b> 100 to 240 VAC (selectable), 50/60 Hz</p>
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Number of inputs	Outputs	Catalog number	Price
2 universal (user-selectable)	—	<a href="#">GH-80816-00</a>	
	USB 2.0 port	<a href="#">GH-80816-02</a>	
	10/100BaseT Ethernet	<a href="#">GH-80816-04</a>	

### Accessories

- [GH-80816-06](#) Navigator software, Windows® based
- [GH-80816-12](#) Precision resistor for current inputs, 250 Ω
- [GH-80816-14](#) Splashproof cover, NEMA 4/IP65 rated

## DICKSON 8" Temperature/Humidity Recorders

View temperature and humidity/dew point simultaneously

- Selectable units and scales—choose chart paper based on your needs
- No inadvertent changes with lock-out dip switch



Model 81001-51 features a large digital display. Model 80001-53 features a large digital display, audible/visual high/low alarms, and sensor probe with 10-ft cable. All models have a green "power on" light.

**What's included:** red, blue pens, 120 VAC adapter, probe with 10-ft (3.0-m) cable (model 80001-53), and one 9 V battery (backup power).



### Specifications

<b>Temperature accuracy:</b> ±1.8°F (±1°C)	<b>Dew point accuracy:</b> 10 to 95% RH, ±7.2°F (±4°C)
<b>Humidity range:</b> 0 to 100% (noncondensing)	<b>Power:</b> 120 VAC, 50/60 Hz
<b>Humidity accuracy:</b> ±2% from 0 to 60%, ±3% from 60 to 95%	<b>Dimensions (W x H x D):</b> 13¼" x 10½" x 2¾" (33.7 x 26.7 x 7.0 cm)
<b>Dew point range:</b> -22 to 122°F (-30 to 50°C)	

Type	Catalog number	Price
Recorder with digital display	<a href="#">GH-80001-51</a>	
Recorder with digital display, alarms, and remote probe	<a href="#">GH-80001-53</a>	

Measuring range	Chart paper (pk of 60)			Price/pk
	24-hour	7-day	31-day	
	Cat. no.	Cat. no.	Cat. no.	
32 to 120°F	<a href="#">GH-80013-01</a>	<a href="#">GH-80013-11</a>	<a href="#">GH-80013-21</a>	
40 to 110°F	<a href="#">GH-80013-05</a>	<a href="#">GH-80013-15</a>	<a href="#">GH-80013-23</a>	
0 to 50°C	<a href="#">GH-80013-03</a>	<a href="#">GH-80013-13</a>	<a href="#">GH-80013-25</a>	
5 to 40°C	<a href="#">GH-80013-07</a>	<a href="#">GH-80013-17</a>	<a href="#">GH-80013-27</a>	
-20 to 120°F	<a href="#">GH-80013-01</a>	<a href="#">GH-80013-11</a>	<a href="#">GH-80013-21</a>	
0 to 185°F	<a href="#">GH-80013-09</a>	<a href="#">GH-80013-48</a>	—	
40 to 110°F	<a href="#">GH-80013-05</a>	<a href="#">GH-80013-15</a>	<a href="#">GH-80013-23</a>	
-20 to 50°C	<a href="#">GH-80013-03</a>	<a href="#">GH-80013-13</a>	<a href="#">GH-80013-25</a>	
5 to 40°C	<a href="#">GH-80013-07</a>	<a href="#">GH-80013-17</a>	<a href="#">GH-80013-27</a>	

- [GH-08498-50](#) Replacement pen, red
- [GH-08498-51](#) Replacement pen, blue
- [GH-09376-04](#) Replacement batteries, 9 V. Pack of 4
- [GH-17030-26](#) NIST-traceable calibration with data for temperature/humidity recorders



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