

Integrating Student  
Computing & Science

fourier



# Fourier Probes

For high performance and accuracy across a wide range of parameters

Fourier Systems offers a comprehensive range of over 50 external probeware for data collection in Biology, Chemistry, Physics and Environmental Sciences, both in the school Lab and out in the field.

For sophisticated data collection and analysis, Fourier sensors are:

- Low cost, high quality and accurate
- For computer, calculator, handheld and data system platforms
- Easy-to-use and convenient with automatic calibration and identification
- Budget friendly with probe bundles for all grades, across all sciences
- Comprehensively supported by training materials, experiment books and user guides

**With so many industry-standard sensors to choose from, almost all scientific applications are catered to, including:**

- Water quality and pollution
- Physiology
- Heat loss
- Photosynthesis
- Fermentation
- Meteorology
- Animal behavior
- Sound and energy phenomenon
- Greenhouse effect
- Electricity
- Magnetism
- Sound
- Light wave
- Gravity
- Mechanics
- Acid-based titration
- Exothermic reaction
- Endothermic reaction
- Gas law
- Conductivity
- Energy
- Colorimetric experiments

and much more ...



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**Fourier Probes**For high performance and accuracy across  
a wide range of parameters**Over 50 probe-range and increasing all the time...**

P/N	Sensor	Physics	Chemistry	Biology	Environment
DT138	Acceleration	•			
DT040	CO <sub>2</sub>		•	•	•
DT185A	Colorimeter		•	•	•
DT035A	Conductivity (includes electrode)		•	•	
DT111	Control switch (open)	•	•	•	•
DT110	Control switch (closed)	•	•	•	•
DT005	Current (±2.5 A)	•			
DT006	Current (±250 mA)	•			
DT020-1	Distance	•		•	•
DT187	Distance	•		•	•
DT293	Drop Counter		•	•	
DT189A	EKG			•	
DT254A	Flow Rate			•	•
DT261A	Electrostatic Charge	•			
DT272	Force	•	•		
DT116	Geiger Muller	•	•		•
DT155A	Heart Rate			•	
DT298A	Exercise Heart Rate			•	
DT014	Humidity			•	•
AC020A	Ion (Ammonium)		•	•	•
AC019A	Ion (Calcium)		•	•	•
AC018A	Ion (Chloride)		•	•	•
AC017A	Ion (Nitrate)		•	•	•
AC008A	Ion (Potassium)		•	•	•
AC021	Ion Selective Amplifier		•	•	•
DT009-1	Light (0 to 300 lux)	•	•	•	•
DT009-4	Light (Multi-range)	•	•	•	•
DT156	Magnetic Field	•			•
DT008	Microphone	•			•
DT222A	Oxygen/Dissolved Oxygen Adapter & Electrode		•	•	•
DT016A	pH Adapter & Electrode		•	•	•
DT137	Photo Gate	•			
DT015	Pressure (150 to 1,150 mbar)	•	•	•	•
DT015-1	Pressure (0 to 700 kPa)	•	•	•	•
DT015-2	Pressure (0 to 10 kPa)	•	•	•	•
AC013A	Rain Collector			•	•
DT037A	Respiration (Spirometer)			•	
DT148A	Rotary Motion	•		•	
DT122A	Smart Pulley	•			
DT171A	Soil Moisture			•	•
DT320	Sound Level	•			•
DT029	Temperature (-25 to 110 °C)	•	•	•	•
DT025	Temperature (0 to 1,200 °C)	•	•	•	•
DT027	Temperature (-200 to 400 °C)	•		•	•
DT095A	Turbidity		•	•	•
DT001	Voltage (±25 V)	•	•		
DT002	Voltage (±2.5 V)	•	•		
DT003	Voltage (0 to 5 V)	•	•		
DT004A	Voltage (±50 mV)	•	•		
DT019	Voltage (Multi-range)	•	•		
AC012A	Wind Speed, Wind Direction (Anemometer)			•	•

**Probeware bundles**

Fourier sensors can be purchased individually or in cost-effective bundles. Fourier probeware bundles include starter and comprehensive bundles for Biology, Chemistry and Physics, as well as Environmental Science, Water Quality, Math & Science and Middle School Science.



Learn more about Fourier probeware specifications and typical uses: [http://www.fourier-sys.com/product\\_sensors.html](http://www.fourier-sys.com/product_sensors.html)  
 Learn more about Fourier probeware tailored science bundles: [http://www.fourier-sys.com/product\\_bundles.html](http://www.fourier-sys.com/product_bundles.html)