






GRT

GRAND RAPIDS TECHNOLOGIES

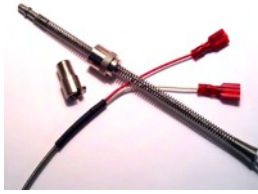
Engine Monitors & Sensors

Exhaust Gas Temperature Probes

	EGT-HCS-01 EGT Probe, Small	Our simplest and most popular type of EGT probe. Uses a hose-style clamp to secure probe to exhaust stack. Small probe fits exhaust pipes from 1-2" diameter.	\$39
	EGT-HC-01 EGT Probe, Large	Uses a hose-style clamp to secure probe to exhaust stack. Large probe fits exhaust pipes from 1.5-2.5" diameter.	\$39
	EGT-CF-01 EGT Probe, Compression	8 mm compression-style EGT probe. Includes compression fitting.	\$39
	EGT-HCSLL-01 Long-Life EGT Probe	Long-life EGT probe. 5-year warranty vs. 2-year warranty for the standard probes. Withstands higher temperatures. Fits exhaust pipes 1-2" in diameter.	\$52
	EGT-EXT-01 Extension Wire	EGT probe extension wire. Usually required for aircraft with pusher-type engine installations. Sold by the foot.	\$1.20/foot

Prices current as of 8/16/2013. Subject to change without notice.

Cylinder Head Temperature Probes



CHT-BAY-01
CHT Probe,
Bayonet Style

Bayonet-style CHT probe. Used mostly with Lycoming and Continental engines.

NOTE: Requires one (1) threaded probe adapter per probe (CHT-ADP-01).

\$39



CHT-ADP-01
Bayonet
Adapter

Threaded adapter for bayonet-style CHT probes.

\$5



CHT-04-01
CHT Probe

Ring style CHT probe with 4 mm ring. Suitable for some Rotax installations.

\$16



CHT-10-01
CHT Probe

Ring style CHT probe with 10 mm ring. Installs under the spark plug. Suitable for Rotax 912/914.

\$16



CHT-12-01
CHT Probe

Ring style CHT probe with 12 mm ring. Installs under the spark plug. Suitable for Jabiru engines.

\$16



CHT-14-01
CHT Probe

Ring style CHT probe with 14 mm ring. Installs under the spark plug. Suitable for many 2-stroke engines including Rotax & Zenoah.

\$16



CHT-18-01
CHT Probe

Ring style CHT probe with 18 mm ring. Installs under the spark plug. Suitable for Continental engines without Bayonet CHT ports.



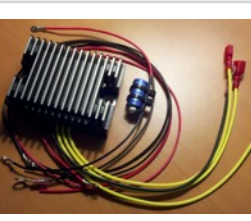
\$18

CHT-EXT-01
Extension Wire



CHT probe extension wire. Sold by the foot.

\$1.20/ft

Electrical System

	<p>CS-01 Current Sensor</p>	<p>Current Sensor, +/- 100 AMP. Suitable for aircraft with 60 amp alternators.</p>	<p>\$75</p>
	<p>CS-02 Current Sensor</p>	<p>Current Sensor, +/- 50 AMP. Suitable for aircraft with Rotax, Jabiru and other engines with light duty charging systems.</p>	<p>\$64</p>
	<p>REG/RECT-01 Regulator/Rectifier</p>	<p>Tympanium regulator/rectifier. 3-phase or single-phase, no load required. Weighs approx. 1 lb.</p>	<p>\$55</p>

Manifold Pressure Sensors

	<p>MAP-01 Manifold Pressure Sensor</p>	<p>Manifold pressure sensor, 0-31 in. Hg. For normally-aspirated engines.</p>	<p>\$75</p>
	<p>MAP-02 Manifold Pressure Sensor</p>	<p>Manifold pressure sensor, 0-51 in. Hg. For turbocharged engines.</p>	<p>\$75</p>

Temperature/Pressure Probes



HPS-01
Pressure Sender

Oil/coolant pressure sender, 0-150 psi

\$42



HPS-02
Pressure Sender

Oil/coolant pressure sender, 0-80 psi

\$42



LPS-02
Coolant pressure sender

Coolant pressure, 0-28 psi

\$49



FT-1827-02
Fluid Temp

Fluid temperature probe - 1/8-27 threads

\$23



FT-LC-01
Oil Temp Probe

Oil temperature probe for Lycoming and Continental

\$38



OAT-02
OAT Probe

White plastic coated Outside Air Temperature probe. Wire to either EIS or EFIS.

\$24



OAT-03
OAT Probe

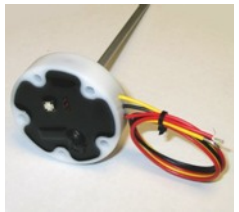
Machined aluminum Outside Air Temperature probe. Wire to either EIS or EFIS. (Included with EFIS system.)

\$85

Fuel System



<p>FF-EI FT-60 Fuel Flow</p>	<p>Popular "Red Cube" fuel flow package for EIS. 0.1 gallon resolution. Requires factory-installed fuel flow software package for EIS. Sender only– \$250 Software Upgrade Only– \$250</p>	<p>\$375 package price</p>
<p>LPS-02 Fuel Pressure Sender</p>	<p>0-28 psi fuel pressure sender. Recommended for carbureted engines.</p>	<p>\$49</p>
<p>HPS-SS-01 Stainless Fuel Pressure Probe</p>	<p>0-100 psi fuel pressure sender. Recommended for fuel injected engines.</p>	<p>\$142</p>
<p>CARB-01 Carburetor Temperature Probe</p>	<p>Program your EIS to warn you when your carburetor temperature is right for icing. Machined brass probe works with most carburetors except Bing.</p>	<p>\$29</p>
<p>FL-PE-01 Fuel Probe</p>	<p>Princeton capacitive fuel level probe with 2 set points. For rectangular or airfoil shaped tanks with linear interpolation between the set points.</p>	<p>\$95</p>
<p>FL-PE-05 Fuel Probe</p>	<p>Princeton capacitive fuel level probe with 5 set points for irregularly-shaped tanks.</p>	<p>\$145</p>
<p>FL-PE-ADV Fuel Probe</p>	<p>Princeton capacitive fuel level probe with 5 set points for irregularly-shaped tanks. Works with Van's capacitive plates– Call for more information.</p>	<p>\$195</p>





Description	Part Number	Price	Price w/ EFIS
Lyc/Cont. 4-cylinder Basic (4 bayonet CHT, 4 EGT, OT, OP)	EIS-4K-LYC-BAS-PKG	\$1,070	\$1,000
Lyc/Cont. 4-cylinder Advanced (Basic + FF, FP, 0-31 in. MAP, 100-amp CS)	EIS-4K-LYC-ADV-PKG	\$1,600	\$1,350
Lyc/Cont 4-cyl Advanced LL (Advanced w/ Long-Life EGT & FP, 0-51 in. MAP)	EIS-4K-LYC-ADVLL-PKG	\$1,695	\$1,450
Lyc/Cont. 6-cylinder Basic (6 bayonet CHT, 6 EGT, OT, OP)	EIS-6K-LYC-BAS-PKG	\$1,265	\$1,150
Lyc/Cont. 6-cylinder Advanced (Basic + FF, FP, 0-31 in. MAP, 100-amp CS)	EIS-6K-LYC-ADV-PKG	\$1,795	\$1,550
Lyc/Cont 6-cyl Advanced LL (Advanced w/ Long-Life EGT & FP, 0-51 in. MAP)	EIS-6K-LYC-ADVLL-PKG	\$1,900	\$1,660
Jabiru 2200 Basic (4 CHT, 4 EGT)	EIS-4K-JAB-BAS-PKG	\$895	\$850
Jabiru 2200 Advanced (Basic + FF and 50-amp CS)	EIS-4K-JAB-ADV-PKG	\$1,290	\$1,200
Jabiru 3300 Basic (6 CHT, 6 EGT)	EIS-6K-JAB-BAS-PKG	\$1,040	\$950
Jabiru 3300 Advanced (Basic + FF and 50-amp CS)	EIS-6K-JAB-ADV-PKG	\$1,435	\$1,300
Rotax 912/914 Basic: 2 CHT, 4 EGT, VDO OP (replaces stock Honeywell OP)	EIS-4K-RTX-BAS-PKG	\$900	\$850
Rotax 912/914 Advanced (Basic + FF, 50-amp CS)	EIS-4K-RTX-ADV-PKG	\$1,300	\$1,250
Viking Package, Basic (CT, OP, FP)	EIS-4K-VIK-BAS-PKG	\$810	\$800
Viking Package, Advanced (Basic + pulse FF, 100-amp CS, OAT)	EIS-4K-VIK-ADV-PKG	\$1,120	\$1,100
UL Power Package, 4 cyl Basic (4 bayonet CHT, 4 EGT, 50-amp CS, OP, FP)	EIS-4K-ULP-BAS-PKG	\$1,150	\$1,050
UL Power Package, 4 cyl Advanced (Basic + pulse FF)	EIS-4K-ULP-ADV-PKG	\$1,385	\$1,325
UL Power Package, 6 cyl Basic (6 bayonet CHT, 6 EGT, 50-amp CS, OP, FP)	EIS-6K-ULP-BAS-PKG	\$1,350	\$1,225
UL Power Package, 6 cyl Advanced (Basic + pulse FF)	EIS-6K-ULP-ADV-PKG	\$1,575	\$1,475
Corvaire Package, Simple (EIS 2000; 2 CHT, 2 EGT, OT, OP)	EIS-2K-CORV-SIM-PKG	\$680	\$600
Corvaire Package, Basic 6-cylinder (6 CHT, 6 EGT, OT, OP, FP)	EIS-6K-CORV-BAS-PKG	\$1,140	\$1,050
Corvaire Package, Advanced (Basic + FF, MAP, 50-amp CS, Carb temp, OAT)	EIS-6K-CORV-ADV-PKG	\$1,650	\$1,450


All packages include EIS instrument and wiring harnesses. Additional probe options are available a la carte and may be added to package orders. *No substitutions in packages.* Probes include exhaust gas temp (EGT), cylinder head temp (CHT), oil temp (OT), oil pressure (OP), current sensor (CS), fuel flow (FF), fuel pressure (FP), coolant temp (CT), manifold pressure (MAP). Long-Life EGT probes have a 5 year warranty. Long-Life Fuel Pressure senders are recommended for fuel-injected Lyc/Cont engines. Packages listed here are the most commonly requested engines. See reverse and www.grtavionics.com for more options.

EIS Engine Monitor Instruments- A la Carte and Options

Instrument price only, no harnesses, connectors or probes included.

EIS M2000	Basic monitoring for two-stroke engines	\$373
EIS M2004	Basic monitoring for four-stroke engines. 2 EGT/CHT, 2 Aux inputs	\$453
EIS M4000	Full engine monitoring for four cylinders.	\$719
EIS M6000	Full engine monitoring for six cylinders.	\$759
EIS M9000	Engine monitoring for 9 cylinders. Note: Only 12 EGT/CHT inputs are possible. We recommend monitoring 9 EGT and 3 CHT.	\$939

EIS Wiring Harnesses and Options

CAB-A-02	Complete harness for M2000 or M2004	\$30	
CAB-25A-01	Cable A for M4000 or M6000; main harness	\$30	
CAB-25B-4000-01	Cable B for M4000; EGT/CHT harness	\$30	
CAB-25B-6000-01	Cable B for M6000; EGT/CHT harness	\$39	
	EIS-BEZEL	CNC machined aluminum faceplate for your EIS unit. Powdercoated black with GRT logo to match your EFIS display unit.	\$95
	OPT-AS Airspeed Option	Turn your EIS into a backup airspeed indicator. Displays airspeed in digital format. Requires hardware upgrade. Good as a primary instrument for ultralights or backup for an EFIS.	\$195
	OPT-INTALT Altimeter Option	Turn your EIS into a backup altimeter. Displays altitude and VSI information in digital format. Requires hardware upgrade. Good as a primary instrument for ultralights or backup for an EFIS.	\$149

Ship To:	Bill To:	Same as Ship To
Name	Name	
Company	Company	
Address 1	Address 1	
Address 2	Address 2	
City	City	
State	State	ZIP

Customer Contact Info

Phone

Email

Payment Info

Credit Card

Expiration

CCV

We accept VISA and MasterCard.

Signature: _____

Check or money order enclosed

Amount:

Please Add \$12 for domestic USPS shipping.

Michigan residents please add 6% sales tax.

A 2.5% discount applies to merchandise total when paid by check. This discount does not apply to shipping charges.

Please print all applicable pages and send with your check, money order or credit card number to:

Grand Rapids Technologies
3133 Madison Ave. SE
Wyoming, MI 49548
(616) 245-7700
Fax: (616) 245-7707

You may also use this form as an aid for placing your order over the phone.

Please call for quotes for international shipping, specialty EIS orders, and inquiries for things that you do not see in this catalog. More items will be added to the catalog in the coming months.

Thank you for your business!