



Supplying "World Class"
Instrumentation for more
than 50 years.



Rugged • Reliable • Innovative

The Thomas G. Faria Corporation has been manufacturing "World Class" Instrumentation in Uncasville, CT for more than 50 years (Established in 1956) and has grown from a company that primarily produced tachometers for the marine and auto industries into a company that today offers a multitude of analog and digital engine monitoring instruments to a wide range of global markets.

In the early 1960's Faria started producing tachometers with the Ford Motor Company. The first application was for the Comet Rally Pack and the Falcon Sprint. Faria later designed and developed tachometers for the famed Mustang and Shelby Cobra and supplied gauges to Volkswagen of America and Chrysler Corporation. During this period Faria was producing more than a million tachometers per year.

By the Late 1970's Faria's customer base expanded to include such equipment manufactures as Caterpillar, Allis Chalmers, International Harvester, Bobcat, Stationary power equipment and Gen-set manufacturers, all who found Faria Instruments to be rugged enough to withstand the most harsh environments.

Faria became a major supplier of instrumentation to the US Military in the 1980's and is one of only a few companies that has received the ABVM Gold supplier award for on time delivery and quality for seven consecutive years. Of course Quality has always been our first concern.

In 1997 Faria became an ISO9001 registered company. Today we continue to maintain the same commitment to Quality as we introduce new technology to meet the growing needs of our customers.

In the 1990's Faria developed the first programmable electronic speedometer for motorcycles, ATV's and snowmobiles and was a major supplier to Harley Davidson and Polaris. During this period Faria also became the leading supplier of instruments to the recreational boat market.

Today we have made the transition from an electric and mechanical gauge manufacturer to an electronics hardware and software design company with in-house pick and place assembly lines for Surface Mount Technology (SMT) circuitry.

With some of the most sophisticated vehicle information and instrumentation systems in the industry, and a range of products that are rugged enough to survive on military Humvee and heavy construction equipment, or with innovative styling for your boat or RV, Thomas G. Faria Corporation has the right products to meet future global needs for rugged, reliable, and innovative instrumentation.

An ISO9001-2008 Registered Company



Instrumentation for:

Marine
Automotive
Military
Industrial
Commercial
Recreational
Performance



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MG3000



Faria improves the CAN Bus solution with the MG3000, a user friendly digital engine monitoring solution for the Marine industry.

Features

- Utilizes both analog and digital inputs to reduce system cost
- GPS enabled to display GPS Speed, COG, Lat/Long, Heading, and Clock
- Audible and visual alarms
- Lighted buttons for ease of use with tactile feedback
- Stepper motor gauges (for greater accuracy and durability)
- User definable screens and alarms
- Custom cosmetic options upon request
- Deutsch or Packard marine connectors are *Plug and Play*

This system offers easy installation and waterproof connectors from engine to instruments.

- Fog resistant lens
- LED lighting and RGB LEDs for multi-color lighting options

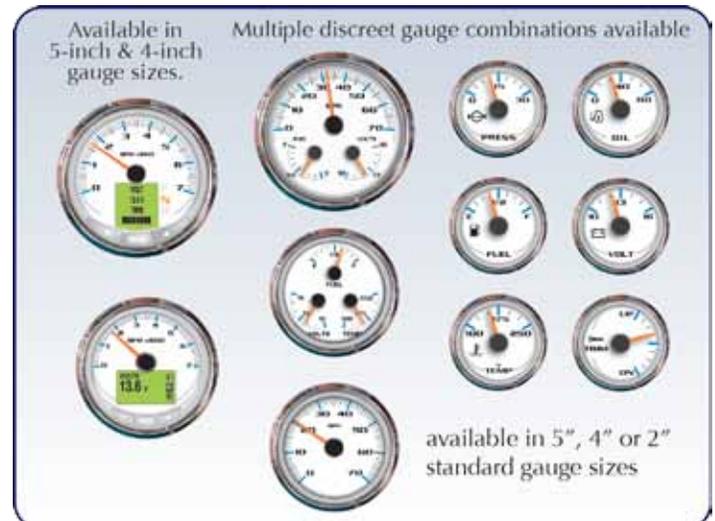


Red, Blue, Green, Orange and Yellow

- One button unit conversions
- Up to 5 languages available
- Engine Diagnostic Error codes stored in dedicated screen
- Analog inputs for Depth, Air Temperature, Paddle wheel, Pitot Speed, Trim, Fuel Level and Water Pressure
- LCD flashes Red for engine critical Alarms, Yellow for cautionary Alarms
- Throttle position displayed F•N•R on dial available, if supported by engine
- Multiple 5"/4"/2" discrete instruments are available

Benefits

- LCD data can be displayed in 5 languages
- Seasonal Data and Winterize modes
- Pop-Up screens for quick information display and warnings
- Alarm codes with suggested actions
- Data log for fault codes
- A single Tachometer can monitor up to 5 fuel tanks
- System compatible with up to 5 engines
- Calibrate Fuel Level, Trim, and Speed in gauge
- Initialization mode to assist in gauge set-up
- Superior Sunlight readable display



Not all features are available for all systems using NMEA2000 engines. Please consult your engine manufacturer for compatible features.



MG2000



SAE J1939



Specifically designed to work with the leading engine manufacturers. The MG2000 offer the boat manufacturer and enthusiast the most cost effective options for engine monitoring.



Faria's digital CAN Bus solution.

Features

- Utilizes both analog and digital inputs to reduce system cost
- Compatible with all engine protocols
- Audible and visual alarms
- NMEA0183 input for Lat/Long, Heading, Clock and GOG
- Stepper motor gauges (for greater accuracy and durability)
- User definable screens and alarms
- Custom cosmetic options upon request
- Deutsch or Packard marine connectors are *Plug and Play*
- Multiple 5"/4"/2" discrete instruments are available



Benefits

- User definable screens and alarms
- Calibration of Fuel Level, Trim, and Speed included
- Superior Sunlight readable display
- Easy installation
- Fog resistant lenses are standard
- Designed to work with the leading engine manufacturers



MG1000



Specifically designed to work with the leading engine manufacturers.

The MG1000 displays the critical data and information that boaters demand in a simple, lower-cost, intuitive package.

Reduce cost with entry level digital engine monitoring.

Features & Benefits

- Incorporated Warning lights and Alarms.
- Can be directly connected to NMEA2000 systems
- NMEA0183 input for GPS Speed
- A single Tachometer can monitor up to 4 fuel tanks
- Use to monitor up to 5 engines
- Add additional features, connect the MG3000 with the same harness
- Utilizes both analog and digital inputs to reduce system cost
 - Speed
 - Fuel
 - Trim
 - Water pressure
 - Temperatures
- Stepper motor gauges (for greater accuracy and durability)
- Deutsch and Packard marine connectors
- LED lighting is standard
- Custom cosmetic options upon request
- Multiple 5"/4"/2" discrete instruments are available



Available in 5-inch & 4-inch gauge sizes.

Multiple discreet gauge combinations available



available in 5", 4" or 2" standard gauge sizes



Helmsman

A single connection point for all of your boat's digital and analog inputs.

Features

- Easy Installation
- Single wire connection from Gateway Box to Instrument Panel minimizing size, weight and complexity of electrical harness
- Waterproof Connections
- Intelligent stepper motor instruments for increased reliability and accuracy
- Instruments are connected by a daisy chain harness with quick connect waterproof connectors
- Easy to Read Digital Displays
- Provides a digital display of speed, depth, clock, temperatures, hour meter, voltmeter
- Easy to use
- Displays fuel management data including instantaneous fuel flow and total fuel consumed
- Multiple Interfaces
- Operates with Analog, Digital and Mechanical interfaces

All of the information is passed directly to the dash with a simple pair of twisted wires.



SAE J1939

Benefits

- Reduced Harness weight
- Constant monitoring of engine and vehicle functions
- Single wire connections from the Gateway
- Intelligent "Smart" stepper motor instruments, connected daisy chain with quick connect, watertight connectors

Continuously monitors these functions...

Bus Interface

Diagnostic Bus
SystemCheck® Bus
J1939 CAN/NEMA CAN

Transducer Interface

Depth
Speed
Temperature
Fuel Flow

Diagnostic Interface

Diagnostic Port
Field Upgrade Port

Pressure Interface

Speed
Water Pressure
Air Brake Pressure
Boost

Analog Interface

Trim
Fuel
Oil Pressure
Temperature (optional)
others

Switch Interface

Multiple switch
configurations
available.

... and more.



MAESTRO MACH-7

"Intuitively Orchestrating your Boat's Performance, Navigation, and Entertainment Experience".



Maestro Mach-7 is a high end, feature rich, highly customizable digital instrument cluster that easily fits the dashboard of any boat with or without the need for analog gauges and control switches.

Engine monitoring and diagnostics, boat parameter monitoring, navigation, internet connectivity, charting, and entertainment are the major functions embedded in the **Mach-7**.

A highly customizable, rich Graphical User Interface and Touch screen controls, with Bluetooth and a Wireless Remote Keypad distinguish this innovative new product from Faria, a world leader in gauge manufacturers.



Touch screen - the Faria Maestro Mach-7 is touch screen and combination-touch compatible at additional cost.

DESCRIPTION	STATUS	TOUCH FOR ADDITIONAL INFORMATION
ENGINE # 1	COMMUNICATING	TROUBLE SHOOT
ENGINE # 2	COMMUNICATING	TROUBLE SHOOT
FUEL INPUT	COMMUNICATING	TROUBLE SHOOT
GPS INPUT	COMMUNICATING	TROUBLE SHOOT

BACK (top right), SAVE & EXIT (bottom right)



Engine Monitoring - for J1939 or NMEA2000 protocol for up to 5 engines.

The GUI can be customized: customers can change size, font, pointer and background graphics. The Faria Maestro Mach-7 has dual CAN inputs.



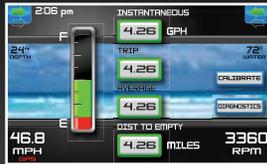
Faria Analog Speedometer



Input / Output - to reduce system architecture cost, Faria supports an output to both analog and digital instruments.



Other Features



Fuel Level

- displays fuel levels for up to 5 fuel tanks
- can be calibrated for non-linear tanks
- provides instantaneous fuel flow
- Low fuel level warnings can be activated as specified by customer



GPS / Direction / Heading

- displays the heading of the vessel based on the input from the GPS antenna



Trip Information

- displays
 - distance to empty
 - time to empty
 - average fuel consumption



Faria WatchDog integration

- remotely monitor, track your boat from your boat, home or office. Monitor your boats location with Geofences and near real-time tracking



Depth

- range 3 –199 Feet (1 to 61 Meters)
- accepts CAN data
- reduce cost an analog depth signal
- Bottom contour trending is also displayed



Warnings

- displays all CAN and user-defined warnings along with suggested solutions



Audio Integration

- includes a user-friendly and attractive GUI for controlling any audio input in the industry



Imperial / Metric

- data may be displayed in metric or imperial values



Camera

- supports (2) POV video cameras, with a capability to upgrade to (4)
- audio integration for iPod and SiriusXM radio
- video Recording, Display, Playback and Storage built in



Language Selection

- displays all required information in English*

*Coming soon; French, German, Italian and Spanish.



Charting Available

- Navionics



WiFi

- used for – wireless engine communication.



USB / SD Card Input

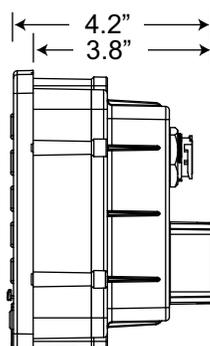
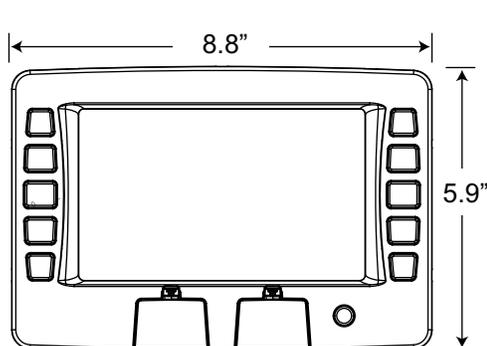
- (2) two USB and (2) SD ports

Remote keypad

- LCD screen navigation and actuation can be accessed via remote control pad or joystick

Dimensions

Dimensions are subject to change. The dimensions depicted in the illustration may change with out warning. These dimensions should be used for reference only.



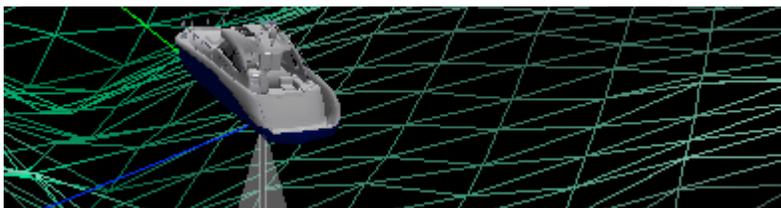
Not all features are available for all systems using NMEA2000 engines. Please consult your engine manufacturer for compatible features.

Depth Sounders

Depth Sounder



Dual Temperature
Depth Sounder



Faria Engineers have incorporated the latest microprocessor technology and proprietary software designed to take advantage of today's high performance transducers. As a result this depth sounder outperforms all others on the market in its high speed capabilities and accuracy when faced with various bottom conditions.

Features & Benefits

- Depth Range: 3 to 199 feet (1 to 61 meters)
- Deep and Shallow water alarms
- Programmable Keel off-set
- Automatic Gain control
- Back lighting for maximum night vision;
– **Blue, White and Red** LEDs available
- Metric or US standard units
- Easy to install!

Dual Temp Depth Sounder displays Outside Air temperatures and Water temperatures from 32° F to 200 °F.

The Faria Depth Sounder is available in all Faria Styles, including Gold, Titanium, Polished Stainless Steel, Dress White, Euro, Kronos and many others.

Harnesses and connectors included. Fits a standard 2 1/16" gauge mounting hole.

Fuel Manager

Features & Benefits

- Displays Gas Remaining
- Monitors Fuel flow
 - .5 to 34 Gallons per hour
 - 2.5 to 160 Liters per hour
- Trip Fuel Log and Total Fuel Log displayed in Gallons or Liters
- Includes a selectable low fuel audible alarm
- Easy to install!
- Easy to match with other gauges in dash
- Available with Stainless Steel bezel



With an oversized back-lit display fuel management can be easily read in any weather condition.

This simple to install unit (see Owners' Manual) displays Fuel Flow in Gallons or Liters per hour. Displays Total or Trip Fuel Used, calculates Fuel Remaining and includes a selectable Low Fuel Alarm.



Commercial / Industrial Technology

Snap-in Gauges

A simple push of the fingers installs your gauge securely. No nuts, bolts or bruises required.

Available in all Faria standard styles or style your own.

2-inch gauges available now

- Ammeter
- Voltmeter
- Water Temperature
- Oil Temperature
- Oil Pressure
- Fuel Level
- Fuel Pressure
- Hour meter

4-inch Tachometers
and Speedometers
Multi-Function Gauges
and more coming soon.



2-inch Multi-function Gauges



Discreet gauges with an easy to read Tachometer/Hour meter LCD, simplifies your dash.

Available as:

- Voltmeter
- Temperature
- Oil Pressure
- Fuel Level gauge



J1939 CAN Bus Instruments



Features & Benefits

- J1939 CAN Bus Instruments
- Stand alone technology – Each instrument receives information directly from the J-1939 Bus
- Available in a wide variety of styles
- Designed and manufactured to MIL-STD-1275, MIL-STD-465, MIL-STD-464, MIL-STD-810 and SAE J113-13 specifications
- Multiple Analog and Digital Inputs to reduce system costs
- Manufactured in Uncasville, CT USA
- Wide variety of instruments including 3-1 and 4-1 multi-function gauges, 4-inch and 5-inch Speedometers and Tachometers and a complete suite of 2-inch discreet instruments i.e, Fuel Level, Temperature, Volts and Oil Level

Classic Styling



Chesapeake
Black SS



Chesapeake
White SS



Chesapeake
Black



Chesapeake
White



Euro



Euro White



Euro Biege



Euro Biege
SS



Coral



Professional
Red



Dress White



Nantucket



Regal Gold



Kronos



Signature
Gold



Spun
Silver



Spun
Gold



Euro White
Gold



Newport



Euro
Biege Gold



Multi-Function GAUGES



Innovative Designs

How can Faria help you simplify your dash?



Custom Styles

Faria can customize any gauge to fit your needs.

With 1000's of possible combinations and custom dial prints the possibilities are endless.



Change the color of the bezel, Add your logo, Change the pointer. . .

Contour Gauges

Back-Lighted Dials with Bold Graphics on the Mask,

Multi-level formed graphics give you the feeling you could reach right into your dash. Back-lit pointers and Stainless bezels offer a look of elegance. Add a little distinction to your dash with the new Faria Contour Gauges.

These gauges can be customized and individualized to fit your graphics and color requirements.



Product Enhancements



Connectorized Cases

Reduces the amount of wires required to wire your gauges.

Quick connect cases speed up the installation process.

Quick Connect - Water Resistant Connectors

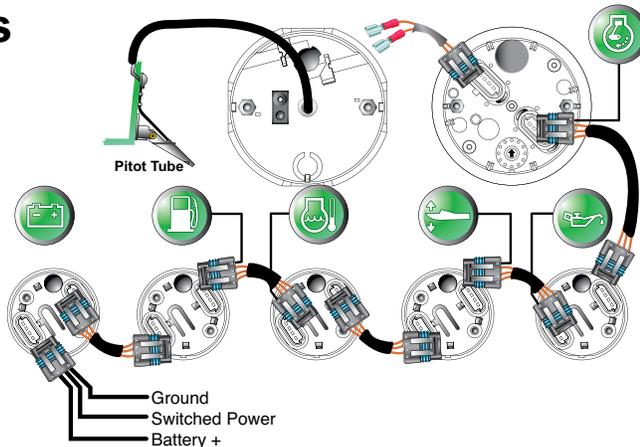
Keyed Case For Easy Gauge Positioning.



Deutsch

Packard

Faria also has Sumitomo, Molex, AMP, Amphenol and other connectors available on our various products.



Improved Reliability, Reducing Warranty Claims.

Eliminates Hardware.

Available In All Faria® Styles.

Available with our patented twist on back clamp.



Deutsch



Packard



Faria CN0010



Fog-Resistant Lens

Faria's Fog Resistant gauges offers readability that is retained even under very humid conditions.

The lens is available in poly carbonate and glass with a scratch resistant hardcoating that will not discolor or degrade.

This Lens is backed by a 12-month warranty.



www.faria-instruments.com



Thomas G. Faria Corporation

World Class Instrumentation

An ISO9001-2008 Registered Company

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Gauges for Marine, Automotive, Industrial, Commercial, Recreational, Performance and Military vehicles.



Marine



Commercial / Industrial



Military



In the news

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Use the **Power** of the internet,

- order parts On-Line
- look up Product Information
- find Warranty Service

We put the power in your hands to serve you better.



www.faria-instruments.com
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