Supplying “World Class” Instrumentation for more than 50 years.
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 manufacturers 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
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www.faria-instruments.com
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.
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

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.

MG2000

Faria's digital CAN Bus solution.

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

Multiple discrete gauge combinations available

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

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.
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

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

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

Contuously monitors these functions...

**Bus Interface**
- Diagnostic Bus
- SystemCheck® Bus
- J1939 CAN/NEMA CAN

**Transducer Interface**
- Depth
- Speed
- Temperature
- Fuel Flow

**Diagonsitc 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.

www.faria-instruments.com
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.

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.

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

**Trip Information**
- displays
  - distance to empty
  - time to empty
  - average fuel consumption

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

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

**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

**Charting Available**
- Navionics

**GPS / Direction / Heading**
- displays the heading of the vessel based on the input from the GPS antenna

**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

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

**Imperial / Metric**
- data may be displayed in metric or imperial values

**Language Selection**
- displays all required information in English*

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

**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 without warning. These dimensions should be used for reference only.

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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.

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

**Dual Temperature Depth Sounder**

- 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.**

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**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.
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
- 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
Innovative Designs
How can Faria help you simplify your dash?

www.faria-instruments.com
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.
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.

Improved Reliability, Reducing Warranty Claims.
Eliminates Hardware.
Available In All Faria® Styles.

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

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
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.