



**STI Vibration Monitoring Inc.**

## **Vibration Monitoring and Machine Protection Systems**

1010 East Main Street, League City, TX 77573 Phone: 281.334.0766 Fax: 281.334.4255  
www.stiweb.com / www.stiwebstore.com

### **Condition Monitoring Custom Products**

## **STI's Custom Cabinets & Panels**

### **Features**

- ***Integrated Solution***
- ***Design, Engineering & Fabrication***
- ***Modular or Solid Enclosure***
- ***Direct & Intermediate Terminals***
- ***Power Distribution***
- ***Panduit***
- ***AC or Heating As Required***
- ***AutoCAD or Intergraph Documentation***

### **Description**

STI has provided over 100 integrated custom cabinets and panels containing a wide variety of instrumentation. SKF Condition Monitoring's M800A, Monitor Interface Module (MIM) Multilog (LMU), Mechanical Condition Monitor (MCM), Low Cost Monitor (LCM), and other systems such as Surge Control, and Turbine Governor's, have all been successfully incorporated into free standing cabinets. CMCP custom cabinets and panels are available in many styles, sizes, colors and methods of construction. They can be outfitted with many different accessories depending on your requirements. In general, each cabinet is custom engineered to meet the individual parameters of a specific application. Prewired terminals, power distribution, ground bars, smoke detectors, temperature detectors, tagging and other accessories are provided as required by the customer. Factory Acceptance Test (FAT) and scheduled inspections are also provided as per the customer request. Complete engineering design and documentation packages are available in either AutoCAD or Intergraph format.



M800A Monitor, BNC Panel, Terminals, Power Distribution, Low Noise Configuration, Ground Bars, integrated into Modular Custom Cabinet for ARAMCO by STI.



STI Integration Shop - League City, TX

### **Partial Customer Listing include:**

Amoco, ARAMCO, BHEL, Black and Veatch, Brown & Root, BHEL, Caltex, Chevron, Dupont, Tejas, and Wylie Labs



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**Note:** Due to the custom nature of cabinets and panels, great care is needed to properly specify what is required in the enclosure. The below listed specification matrix is provided as a guide to prepare a specification. To obtain a quotation from CMCP for your enclosure this should be included along with a complete equipment listing of all instrumentation you desire to be integrated into the enclosure.

### Specification Matrix:

☐ Indoor ☐ Outdoor ☐ NEMA4 ☐ NEMA4X ☐ Modular ☐ Solid

Min. Temp. \_\_\_\_\_ C/F Max. Temp. \_\_\_\_\_ C/F

☐ Front Access ☐ Front & Back Access ☐ Front & Left/Right Access

Height \_\_\_\_\_ Width \_\_\_\_\_ Depth \_\_\_\_\_

Power Distribution: ☐ Top ☐ Bottom ☐ 115 Vac ☐ 230 Vac ☐ 24 Vdc

Terminal Blocks: ☐ Direct ☐ Intermediate

☐ 2-Wire Sensor \_\_\_\_\_ ☐ 3-Wire Sensor \_\_\_\_\_

☐ Recorder Outputs \_\_\_\_\_ ☐ Relay's Required \_\_\_\_\_

Paint: ☐ OEM Standard ☐ Specified \_\_\_\_\_

Accessories: ☐ Smoke Detector ☐ Heat Sensor ☐ Transport Eyebolts ☐ AC ☐ Heat

☐ Fan ☐ Filter ☐ Air Purge ☐ Glass Front Door ☐ Door Locks

Doors: ☐ Left Handed ☐ Right handed

Documentation Package: ☐ AutoCAD ☐ Intergraph ☐ Mechanical Package

☐ Electrical Package ☐ Field Transducer Interconnect