



Institutional Presentation Semapi Argentina S.A.



# Equipment of Development and Own Manufacture

## DSP Logger Expert

Vibration Meter and Analyzer



The DSP Logger Expert is a hardware of six simultaneous channels, data collector, FFT analyzer, electric motor analyzer, phase analyzer, analyzer of vibrations affecting the human body and correction of unbalance of rotors.

DSP Logger can measure, process, display, and store a great variety of functions analysis: vibrations, DC, and AC variables, and it can function as a stand-alone instrument. On the other hand, it can download its measurements from the DSP Machinery Control Software.

## Test I Go

Current signature analyzer



Accessory and DSP Logger module

Electric motor monitoring and testing instruments are designed to perform engine condition tests from a Central Motor Control (CCM). Also, it can evaluate the load, efficiency, cage condition, stress torsion, harmonic distortion, etc.

Test I Go belongs to the latest generation of portable testers that check the status of rotating electric machines while they are in operation.

## Pocket VibPro

Vibration Meter and Analyzer



The VibPro is an intelligent vibration product and a compact data collector compatible with DSP MC software. It is a useful and comfortable tool with a great relation benefit /cost.

This equipment detects automatically the more frequent mechanical failures that it has to crepair. The severity total vibrations according to ISO 10816 and IEC 60034, the lubrication condition, and bearing.

## DSP Compact WRM

Vibration Monitor



The DSP Compact WRM equipment is twenty channels: eight of vibration, two AC, and two DC. It is a twenty-seven-hour online control dispositive with a distance diagnostic through the web.

The amount of data can save on the internal memory from the equipment. Also, it can transmit that amount of data to the DSP Machinery Control analysis software and tracing.

It is perfect for critical and semicritical equipment

It allows to with an only software administrates a widely amount of unit

## TINY Remote Monitor

Vibration Monitor



Dual-channel monitor: vibration and temperature with 4-20mA of each variable that has been read. A 24/7 control device with remote diagnosis through the Web.

The amount of data can store in the memory , and also It can be transmitted to DSP Machinery Control software.

It has a BNC output per channel to capture the analog signal of vibration that is perfect in order to control difficult access points.

## MC5 HD

Single variable monitoring with 4-20 mA output



The MC5 HD is a lower-cost and usefully monitor

The MC5 HD has a display that shows the level of vibration online

The vibration signal is taken by a sensor that is installed on the point to control.

The MC5 HD has caution, emergency, and 4-20 mA relay outputs.

The MC5 HD is installed on the DIN rail. It has EX / I.S. approval.

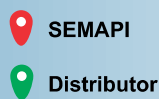
Semapi began its activities in Campana in 1984 as a service provider of predictive maintenance (diagnosis of industrial machines using vibration analysis), developing and fabricating all the necessary equipment for this technique. In 2003 it was certificated under ISO 9001 standard, with their recertification until now. This evolution allowed access to the world market, starting with a network distribution in Latinamerica.

Today it also has offices, in the U.S.A and four branches: Santa Fe, Córdoba, Neuquén and Cuyo.

SEMAPI brand equipment is best-selling in Argentina and one of the most popular in Latin America, where it has an extensive network of distributors. Also, it has distributors in the U.S.A, Spain, China, and India.

With constant evolution in the original developer have been incorporated ne technologies with tools to improve the maintenance of the industrial machine and lower maintenance costs.

## Subsidiaries and distributors in the world



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