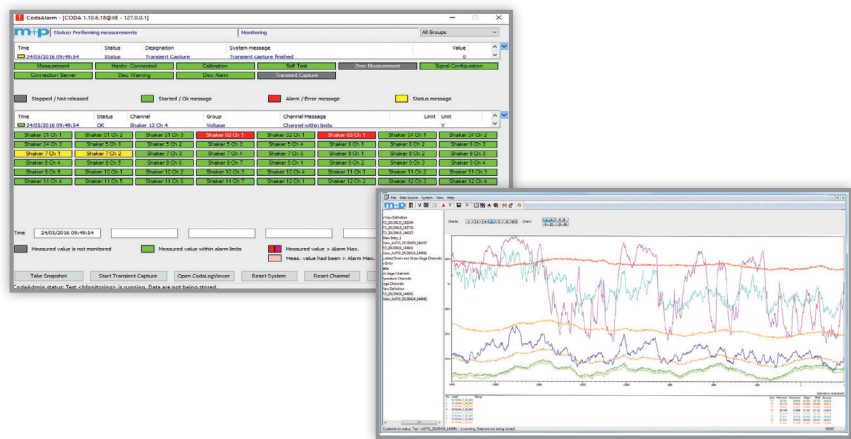


m+p Coda

Thermal Acquisition System

With m+p Coda, m+p international supplies a scalable temperature/voltage acquisition system that requires no advanced training or programming knowledge to operate. From routine bake-out operations to full-scale spaceflight hardware tests, m+p Coda combines accurate and reliable data collection that goes beyond standard temperature loggers with the ease-of-use and scalability you expect from m+p international.

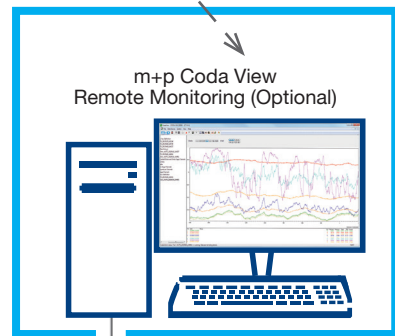


Thermal/TVAC Chambers

Temperature, Pressure, Voltage, etc.

Acquisition Hardware (m+p, NI, Ametek/VTI)

m+p Coda Workstations



m+p Coda Admin - m+p Coda View - m+p Coda Alarm

m+p Coda Admin allows test engineers the ability to create dynamic test definitions, average and group datasets by location, and restrict access to protected test setups without any programming knowledge or advanced training. Once tests are operational, m+p Coda View gives technicians a powerful suite of display options that simply aren't possible with standard programmable laboratory software. m+p Coda Alarm provides advanced monitoring operations on any and all channels. With programmable alarm & stability events as well as remote notifications, m+p Coda Alarm keeps you in the loop even if you aren't in the lab.

Key Features

- Supports from eight to thousands of channels for all environmental sensors
- Supports several hardware types simultaneously, at various sample rates (up to 204.8 kSa/s)
- Easy setup and operation
- User configurable plots
- Real-time thermal balance, trends, and alarm alerts
- Data can be viewed online, offline, and remotely via secure network connection without interrupting acquisition
- Raw or truncated data export directly to Excel
- Support for trigger, alarm and abort functions via channel or digital I/O (TTL)
- Support for in-chamber instruments such as TQCM and pressure sensors
- Support for OPC interface for advanced chamber control

m+p Coda is ...

... scalable

Support for many different hardware platforms such as m+p VibRunner, m+p VibPilot, m+p VibMobile, Ametek VTI EX-XXXX, NI and CAN over USB or Ethernet. Disparate hardware platforms may be operated simultaneously and at differing sample rates. This open architecture allows for easily adopted and integrated third-party hardware.

... safe

Due to the network-based server-client architecture m+p Coda is the ideal solution for centralized fail-safe data acquisition, independently monitoring processes widely spread around a plant or laboratory.

... reliable

All data is kept in a circular buffer allowing for continuous data storage as well as triggered storage before, during and after an alarm/abort condition. Data from all channels is available for documentation and post-processing and can be viewed and exported, without interrupting a test, on the host machine or remotely.

... versatile

Support for many different sensor types: temperature, pressure, acceleration, displacement, DC values, strain, force, current, gas flow and electrostatic radiation. Sensor types can be mixed by combining different hardware platforms, allowing you to select the ideal signal conditioner for each of your sensors. The powerful SQL database supports this mixing of signals as well as data grouping, which allows the user to filter by equipment location, sensor type or connected hardware. Grouping makes data management of a large number of mixed signals not only attainable, but easy.

m+p international

Founded in Hannover, Germany in 1980, m+p international develops and manufactures test and measurement systems for vibration control, dynamic signal analysis, data acquisition, process monitoring and test stand engineering. Our product reputation and broad experience coupled with valuable user feedback have led to significant market share in numerous key industries worldwide.

The company's headquarters is located in Hannover, Germany with sales/marketing subsidiaries in New Jersey (USA), England, France and China, along with representatives and agents in many countries.



Germany
m+p international Mess- und Rechnertechnik GmbH
Thurnithstraße 2
30519 Hannover
Phone: (+49) (0)511 856030
sales.de@mpihome.com

USA
m+p international, inc.
271 Grove Avenue, Bldg. G
Verona, NJ 07044-1705
Phone: (+1) 973 239 3005
sales.na@mpihome.com

United Kingdom
m+p international (UK) Ltd
Mead House
Bentley, Hants
GU10 5HY
Phone: (+44) (0)1420 521222
sales.uk@mpihome.com

France
m+p international Sarl
5, rue du Chant des Oiseaux
78360 Montesson
Phone: (+33) (0)130 157874
sales.fr@mpihome.com

China
Beijing Representative Office of m+p international
Xue Qing Road No. 38
Hai Dian District, Beijing
Phone: (+86) 10 8283 8698
sales.cn@mpihome.com

www.mpihome.com

**ISO 9001
CERTIFIED**