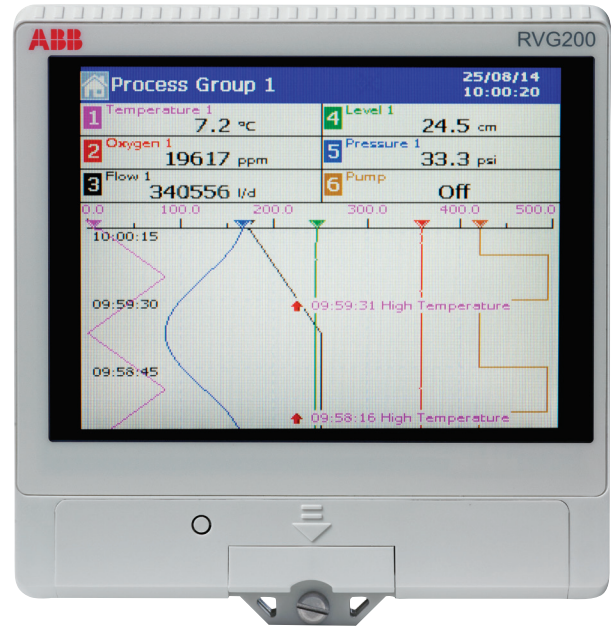


Data recording in heat treatment processes

Obtaining a better picture of your heat treatment process using ABB's RVG200 data recorder

A complete view of your heat treatment process data at your fingertips



Introduction

ABB's RVG200 next generation paperless data recorder offers a host of additional features and functions, including AMS2750 compliant inputs, making it ideal for data recording in heat treatment applications.

How can the RVG200 help?

Enjoy slick, easy and secure access to your process data using the RVG200's intuitive icon-based menus and

Overview Display				07/09/14 17:32:25
Temp 1 13.9 °C	Temp 2 23.6 °C	Temp 3 56.8 °C	Temp 4 87.4 °C	
Temp 5 75.2 °C	Temp 6 13.0 °C	Temp 7 27.1 °C	Temp 8 64.5 °C	
Temp 9 48.6 °C	Temp 10 22.9 °C	Temp 11 71.5 °C	Temp 12 68.2 °C	
Temp 13 12.4 °C	Temp 14 65.2 °C	Temp 15 64.2 °C	Temp 16 62.8 °C	
Temp 17 66.5 °C	Temp 18 61.0 °C	Temp 19 68.3 °C	Temp 20 150 °C	
Temp 21 125.3 °C	Temp 22 69.5 °C	Temp 23 87.6 °C	Temp 24 54.6 °C	

'swipeable' interface. Data can be viewed in a variety of formats, including individual or grouped data in chart, bar graph or digital indicator displays.

The RVG200 incorporates many features that make it highly suited for data recording in heat treatment applications.

High specification AMS2750 compliant inputs

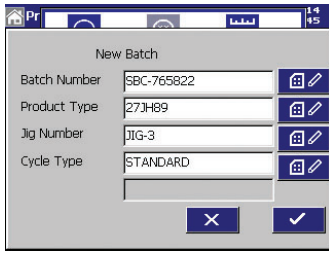
The industry standard AMS2750 details the accuracy requirements for temperature control and recording instrumentation in the aerospace industry. The RVG200's high specification analog inputs meet these requirements. Offering high accuracy, stability and 500V galvanic channel to channel isolation, the RVG200 delivers reliable thermocouple temperature measurement.

Up to 24 analog inputs

With up to 24 analog inputs, the RVG200 can be directly connected to multiple sensors, making it suitable for applications using large furnaces requiring multiple process measurements.

Batch recording

The RVG200's batch recording option provides a simple means of recording when a particular batch is started or finished.



This data can be reviewed using ABB's DataManagerPro analysis software. DataManagerPro provides a quick and simple way of retrieving batch data. Data can be retrieved by entering the batch number, searching by type or product or by specifying the time and date of processing.

Barcode scanner interface

With the RVG200, you now have the option of connecting a barcode scanner into the device's front or rear USB, providing a fast and more accurate alternative to manually keying in batch information.



Batch information can be scanned directly from product paperwork, eliminating the scope for human error.

Logarithmic scales

To remove the potential for contamination and improve temperature uniformity, many precision heat treatment processes take place in a vacuum environment.

The RVG200 can present vacuum signals on a logarithmic scale ensuring maximum accuracy and readability for the process operator

Find out more

For more information about the benefits of using the RVG200 in your heat treatment process, please contact your local ABB sales representative or visit www.abb.com/recorders.

ABB Limited

Howard Road
St. Neots
Cambridgeshire PE19 8EU
UK
Tel: +44 (0)1480 475321
Fax: +44 (0)1480 217948