



SCOUT200 Series

Introduction

GE's Bently Nevada SCOUT200 Series is comprised of small portable vibration data collectors, the SCOUT220-IS and the COMMTEST220. This revolutionary system allows vibration analysts to spend less time collecting and more time analyzing valuable plant data.

The SCOUT200 Series features a lightweight, data collector which connects wirelessly to a hand-held Android device. Data is streamed directly to a custom application (app) running on the device. In addition to enabling clear straightforward diagnostics, the multipurpose Android OS device supports other apps, including email and work order systems. The device is also a fully functioning telephone.

Full Connectivity to System 1* Evolution

The SCOUT200 Series is fully supported by GE's System 1 Evolution condition monitoring and diagnostics software. This allows for the collection of SCOUT200 data together with your suite of Bently Nevada portable and monitoring products for a comprehensive condition based maintenance solution.

The SCOUT220-IS Device

The SCOUT220-IS is an Intrinsically Safe (IS) hazardous-rated portable data collector designed for hazardous areas. The SCOUT220-IS has the following certifications:

- ATEX Zone 1
- CSA Class 1 Zone 1

The SCOUT220-IS is well suited for hazardous environments found in the power generation and the oil and gas markets.

The COMMTEST220 Device

The COMMTEST220 shares the same performance and functionality specifications as the SCOUT220-IS but without a hazardous area rating and at a lower cost. The COMMTEST220 is best suited for general industrial markets where no hazardous explosive environments exist on site, including food and beverage, pulp and paper, mining and shipping industries.



Features and Benefits

- Provides an economical condition monitoring solution.
- Specifically designed to allow rapid data collection by non-expert users via a straightforward needle graph summary.
- Ideal solution for lower-criticality rolling element bearing machines.
- 16 GB of storage (expandable).
- Rugged hardware design.
 - IP67-sealed data collector device (pending).
 - IP68-sealed handheld device.
- Spectrum and waveform, overall trends and alarm bands displays all available in the field.
- Supports remote data acquisition with centralized analysis via the System 1 "Remote Comms" system, providing simple data transfer to and from the instrument in the field without requiring a PC or software.
- Two input channels plus speed input.
- Supports the patented Commtest 6Pack recording system for rapid data acquisition by taking six recordings per channel simultaneously.
- Supported by System 1 Evolution for integration into your comprehensive Bently Nevada condition monitoring and protection solution.
- Equipped with a practical, multi-purpose handheld device.
- Backed by Bently Nevada's 50+ years of industry leading experience.

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