SINTROL PYRO-VIPER HD

IMAGE PROCESSING & ANALYSIS SOFTWARE

2: 1171°C

1: 1209°C

3: 1085°C

4: 1031°C

5: 1047°C
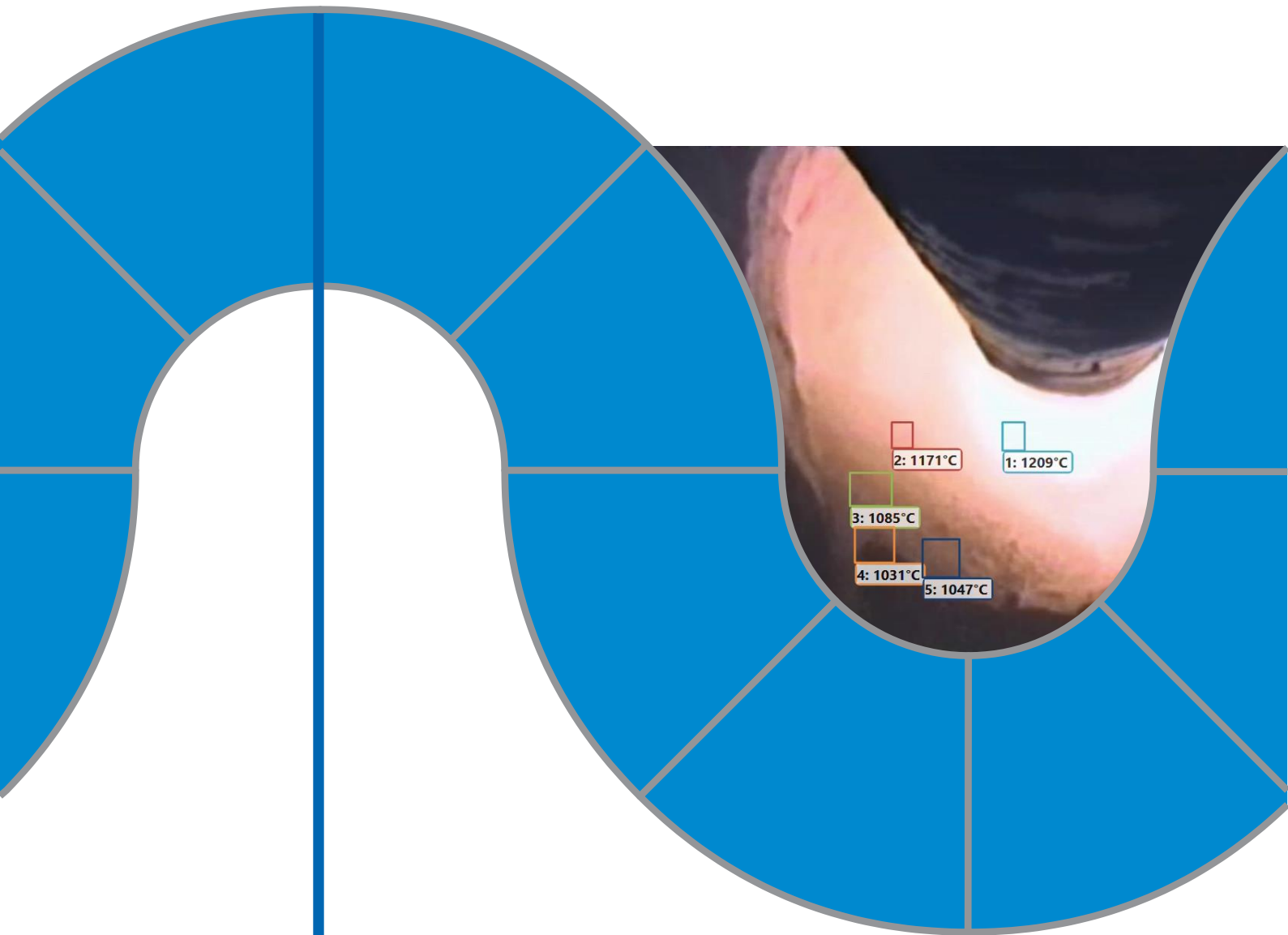
Pyro-Viper HD is a PC based temperature and image processing system for boilers, furnaces and other high temperature processes

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Pyro-Viper HD

Pyro-Viper HD is a PC based temperature and image processing system designed for use with high temperature radiometric imaging systems. This combination of state-of-the-art multiple wavelength imaging with real-time data acquisition/processing gives the operator an excellent tool for increasing productivity, efficiency, and safety. Functionality includes the ability to observe live process conditions and obtain a color thermograph of the process interior, while simultaneously monitoring the temperature of unlimited areas of interest and comparing to operational parameters of the process. I/O options include a standard network interface, optically isolated 4-20 mA outputs, and/or OPC connectivity.
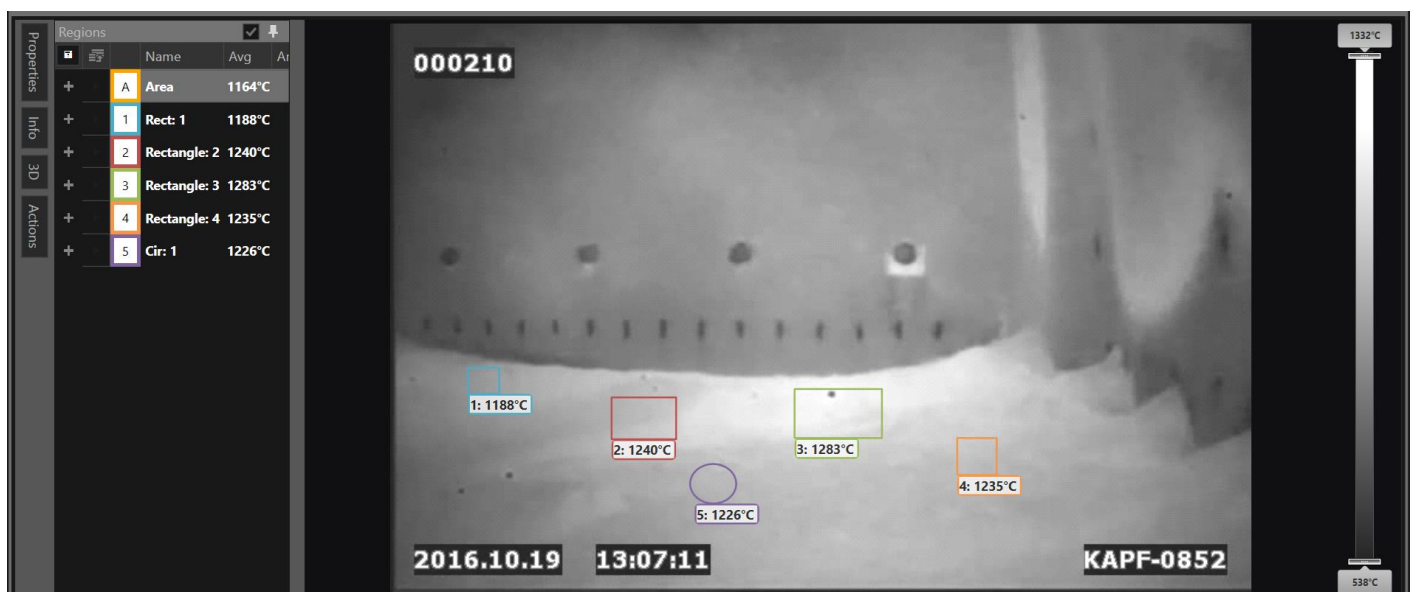
- Continuous real-time video
- Full function image storage and data processing for up to 4 cameras per DAC unit
- Unlimited temperature target areas (ROIs)
- Multiple area temperature trending
- User definable alarm parameters for ROIs
- Easy to use Windows based operating system
- Quick and inexpensive calibration
- Remote access capability to stream and view output anywhere on user network
- Image fine tuning for optimal size, contrast, brightness, color palette, and vignette filtering

- Wide range of data reporting options
- User defined screen layout with ability to view multiple cameras at once
- Custom algorithms and software options for special processes or application needs
- Real-time master software for video signal data acquisition, display, preprocessing, and storage
- "Digital VCR" function for storage and retrieval of video and image sequences
- Modular system design for easy option additions or upgrades after installation

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