Mi PRODUCT NEWS

Inside This Issue

SERVICES

535 Locations

10 Distribution Centers

52 Repair Facilities

Over 4.8 Million Quality Parts

Over 1,650 Sales Representatives

Over 6,100 Employees

Over 200 Field Product Specialists

Extensive Training Programs

Mi MOTION® INDUSTRIES
Keeping Industry in Motion

Call. 800-526-9328
Click. www.motionindustries.com
Visit. Over 500 Stocking Locations

Ice Can Hit Your Operation Where it Hurts ... Downtime Dollars!

330 Gallon Tote

55 Gallon Drum

5 Gallon Pail

A substantial amount of production and maintenance dollars are lost to ice-related equipment problems every winter.

Ice prevention is the key to controlling these costly problems. LIQUID HEAT has a proven track record of preventing ice from adhering to equipment surfaces at temperatures down to -60°F. **And LIQUID HEAT will last with one application.**

LIQUID HEAT is perfect for belts, rollers, pulleys, idlers, hoists cables, construction equipment, docks, walks, ramps, ladders, bridges or any other areas essential to your operational safety and production.

LIQUID HEAT can be applied with a hand sprayer or from overhead tanks [manual or automatic].

Check the advantages...

- Nonflammable and OSHA approved
- Noncorrosive and harmless to all surfaces. Outperforms antifreeze, oil, calcium solutions and salt
- Eliminates need for special "side release agent" in coal car loading
- Cost-effective and easy to apply

When the temperature goes down, keep your profits up with LIQUID HEAT ice preventative!

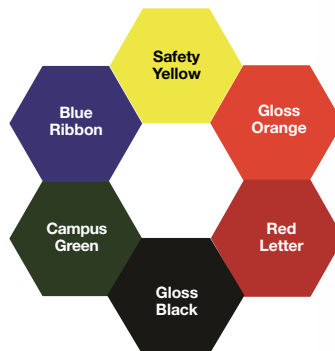## As Your Energy-Efficient Spaces Improve, Are Your Co2 Levels Increasing?

As more energy-efficient homes and buildings are built or retro-fitted, it is more important than ever to ensure healthy indoor air quality. Schools, office buildings, greenhouses, factories, hotels, and hospitals for example generate high levels of carbon dioxide. Typical outdoor CO_2 levels are <350ppm and safe indoor levels are <1000ppm. Without adequate ventilation, these levels could rise resulting in drowsiness (<2000ppm); headaches, sleeplessness, poor concentration, nausea (<5000ppm); up to a dangerous lack of oxygen (>5000ppm).

The Solution

Extech Instruments' new CO200 series of Indoor Air Quality CO_2 Monitors provide important insights on the presence of carbon dioxide, air temperature, and humidity. table- The topunits display numerical data plus easy-to-understand Good, Normal and Poor air quality indicators. They feature a maintenance-free NDIR (non-dispersive infrared) CO_2 sensor, user-settable High/Low Visible and Audible CO_2 warning alarms, easy manual or automatic calibration.

Improve Plant Safety and Efficiency

Improve plant safety and efficiency with Crash Guard Safety Rails by reducing the costs associated with employee injury, machinery downtime, insurance claims, and building repairs due to accidental collisions.

The Bluff Crash Guard Safety Railings install in minutes with ordinary hand tools and concrete drill. Safety rail systems protect personnel, machinery, building structures, in-plant offices, aisle ways, electrical panels, tool cribs, conveyors, finished products, receiving docks, cooling equipment and parking areas.

Tuff Guard Safety Railing Specifications

RAILS

• Formed 10 gauge steel rails in lengths from 1' to 12'.
• Hardware for rail attachment included: 2 bolts per side (4 bolts per rail).
• Rail beam cross-section shall be 12" high and 2 5/8" in depth.
• Bolt fasteners are hidden behind the rail for a finished clean look.
• With proper installation, railing can withstand impacts of up to a 10,000 pound load at 6 mph.
• Safety Yellow powder coat finish. Available in six standard colors, custom colors and galvanized finish. Additional charges may apply.

POSTS

• Manufactured with 4" x 4" x 3/16" structural steel square tubing posts.
• 8" square base plates manufactured with 1/2" thick ASTM A36 steel. Hardware includes four 5/8" wedge anchors for concrete mounting.
• Plastic insert caps for mounting post closure and enhanced appearance.
• Standard post heights: 18", 30" and 42".
• Safety Yellow powder coat finish. Crash Guard products are available in six standard colors, custom colors and galvanized finish. Additional charges may apply.

Need An Extra Hand When Carrying Boxes Or Similar Items?

The NEW Vestil Ergonomic Carry Belt Provides an extra hand when carrying boxes and similar items, and is available for waist sizes 35" to 69".

Standard Features:

- Comfortable ergonomic belt also provides back support
- Made from Cordura (Dupont) nylon 390D material
- Adjustable height steel box holder is also removable
- Dual straps with strong plastic buckles
- Black and gray material color
- Proven European design
- Carries weight of the package close to your body

Introducing of the New Easy Lube Wash Thru Trolley Wheel* for 348 & Log Chain

After more than three years of extensive testing, M&M Poultry Equipment will offer the new Easy Lube Wash Thru Trolley Wheel*. The wheel, made in America, is a single row bearing. The inner race is cold headed Stainless Steel, unlike the stamped races used in traditional trolley wheels. Cold heading is a machine process that produces an extremely accurate, hard, and durable part. All of the materials, and hardness's, used in the construction of the wheel were chosen so that all components would wear at the same rate. In fact, the wheel can wear until the outer race touches the inner race, and the ball bearings will not fall out. The Easy Lube Wash Thru Trolley Wheel* will outlast traditional wheels by 3-4 times. When used in conjunction with the M&M PCL Overhead Conveyor Lubricator the lifespan is extended even more dramatically. No more will you have to install trolley wheels before your 348 chain wears out. And now, rebuilding your log chain is justifiable, saving thousands of dollars directly to your bottom line.

- Made in the United States
- Cold Headed Stainless Steel Inner Races
- 5/16" Stainless Steel Ball Bearings (348 wheel)
- ¼" Stainless Steel Ball Bearings (log chain wheel)
- Glass Filled Outer Tire for Optimum Life
- Single Row Bearing For Ease of Lubrication and Sanitation
- Outer Tire Profile Designed for Ease of Sanitation
- Reduced Amp Draw
- 3-4 Times Extended Life Versus Traditional Trolley Wheels
- Laboratory & Field Tested for Over Three Years

U.S. Patent Applied For & Pending

Motion INDUSTRIES
Keeping Industry in Motion

Is Problem Documentation as Important as Diagnosing?

In many jobs, across industries, documenting problems is almost as important as diagnosing them. If you find a problem, but can't effectively report and escalate it in a compelling way to a client or a key decision-maker who must authorize repairs, you could consider yourself part of the problem.

A picture is worth a thousand words-the most important of which is "Approved." Documentation and reporting is invaluable for chronicling repairs. Photos and video help convey and illustrate the extent of problems that are found.

Oftentimes, decision makers may not know the affected equipment as well as you. Presenting a picture with critical readings, or a report with supporting diagnostic information, can lead to a quick "Yes" so that parts are authorized for purchase and repairs are made promptly. Plus, from a liability perspective, having a detailed account of problems that are discovered can protect an organization by demonstrating sustained efforts to maintain equipment for safety, productivity, and uptime.

Let's look at two examples where problems benefit from visually compelling documentation:

Your steel forge temperature may not be accurate and you need a way to check if the temperature control setting matches the actual measured temperature. Multiple readings have to be taken and documented.

Moisture is being trapped under your paint application causing premature failure. To prevent condensation from forming, Surface Temperature of the area to be painted has to be at least 5°F higher than the Dew Point, and Humidity should be <70%. You need an instrument that can measure and record Surface Temperature, Relative Humidity and Dew Point plus, provide a clear picture of when and where the measurements were taken.

The Solution

To improve and enrich diagnostic documentation, take a closer look at the new Extech VIR50 IR Video Thermometer. The innovative, new instrument is a camera-thermometer hybrid that is designed to measure key parameters while functioning as a digital camera that captures photos and video. Readings are displayed on the large preview display and are imprinted on images and video much like a familiar time/date stamp, for easy reference.

Features include a 640x480px resolution camera and a 2.2" Color TFT LCD that displays the measurement area along with a choice of readings: Temperature/Humidity or Dew Point/Wet Bulb, Min/Max/Average/Differential, Date, and Time Stamp.

The VIR50 includes a microSD card for storing still images (JPEG) and video (3GP). The SD format makes it easy to transfer files to your PC or laptop for further analysis or for incorporating into report documentation for clients or managers. Images and video can also be uploaded to your PC via USB.

The VIR50's 50:1 distance to target ratio ensures safe measurements from a distance while dual converging laser pointers help you find the ideal distance for a 1" target spot.

A fast 150 millisecond response time accelerates measurements and a color LED bargraph helps identify viewing trends. Adjustable emissivity increases measurement accuracy for different surfaces, and adjustable High/Low set points with audible alarm alerts you when temperatures exceed user-defined set points. For extended monitoring, the VIR50 can be mounted on a tripod and the trigger can be locked in the ON position to enable continuous unattended readings.

The VIR50 comes complete with microSD card, general purpose Type K bead wire probe, USB cable, rechargeable 3.7V battery, and carrying case.