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DECEMBER 2016

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IDEC Automation Goes Chiropractic

The IDEC FT1A PLC/Touchscreen has proven its versatility and economic suitability once again in a very interesting and unique application.

Aub Hart from S.E.P (Stainless Electrical Products) Hamilton was visiting his Chiropractor Dr Peter van Zweeden of Tauranga Chiropractic when discussions moved to building an automated chiropractic bed. Aub was keen and up for the challenge so he put his team to work at their Hamilton factory. S.E.P. has a unique ability to combine stainless steel design and fabrication with electrical design build. With a dose of Kiwi ingenuity the project was born and the team at S.E.P. begun their build.

A controller was required to activate the moving massage wheel in various positions and heights. The IDEC FT1A PLC/Touchscreen was chosen for its

size and feature rich ability's. Local IDEC integrator Peter Parker of System Components Ltd programed the PLC code and tailored the touchscreens for ease of use for any operator of the chiropractic bed. The FT1A also controls all other functionality of the bed and has various positions and settings which all can be accessed through the FT1A touch screen.

The resulting Chiropractic bed is now in full operation at Dr Peter van Zweeden's premises in Tauranga with plans to build more and automate the Chiropractic world.

Colleen Brown from Tauranga Chiropractic >





Introducing...



MilkSure continuously monitors the following:

Milk-in Temperature

Monitors and logs the temperature of the milk after the primary milk chiller unit and before it goes into the vat.

Vat Temperature

Monitors the temperature of the milk in the vat.



MilkSure performs 4 functions:

- 1 DISPLAYS**
LCD Touch screen displays milk temperatures and indicates milking is underway to start logging.
- 2 RECORDS**
Data logs temperatures and milking cycles for up to 2 years.
- 3 ALARMS**
Alarms can be set to notify when milk temperature is not compliant to the MPI standards.
- 4 NOTIFIES**
TXT message alarm notification and cloud based data handling (MilkSure Plus only).

MilkSure Monitoring Technology monitors the performance of milk chilling and storage systems on New Zealand Dairy Farms.

Benefits to you:

- Enables compliance with the MPI standard
- Accurate recording of temperature data
- Ability to react quickly to any temperature issues
- Simple installation
- Cost effective
- Programmable to individual requirements
- Easy to read graphical representation of data (Excel)

To find out more about MilkSure please contact:

Peter Gillespie
 Mob: 027 230 7439
 Email: peterg@cuthbertstewart.co.nz



CSL Labels have got you covered...

CSL's one stop label shop offers a range of printers, labels and markers that is amongst the most extensive in the industry.

Coupled with quality, cost efficiency and fast turnaround the service offered is a great option for all printing requirements.

GK420T Printer

High production low cost heatshrink printer, supplied with software and ribbon. Free issue, conditions apply.

Partex-T1000 Printer

Multi-purpose printer cable, wire, component, heatshrink printer. Portable, supplied with carry case, ribbon, label holder and dispenser, profile guides, and software.

Primacy XCARD Printer

High production XCARD printer for cable and wire identification, enabling identification of terminated or pre-terminated applications. Supplied with ribbon and software.

Weidmuller Multimark Printer

Print your own Terminal markers, Device Markers, inlay tags, cable and wire markers, heatshrink markers. A total printer solution. Free issue, conditions apply. Supplied with guides, ribbons and software.

Weidmuller Print Jet Pro Advanced

Very high production commercial printer, covering a broad spectrum of electrical identification. An ideal choice for large projects, and continuous use. Supplied with ink and software.

CSL also provides custom printed Identification including engraved labels and stainless steel markers.



From the left going clockwise: (top left) Partex Gk420T, (top right) Weidmuller PrintJet Pro Advanced, (bottom left) Partex T1000, and (bottom right) Partex Primacy Xcard Printer.

To find out more about CSL labels please contact:

Denis King

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RUGGED for efficient precision tools layout.

NEW! Fluke laser levels make your job faster and easier.

Stop using old-fashioned bubble levels and plumb bobs. Fluke laser levels are easier to see, offer hands-free operation and shine bright lines and points that you can mark without an assistant. Fewer trips up the ladder. Giving you better results.

- Designed and tested to survive a one metre drop.
- Point laser levels – 3-point levels create fast, accurate layout points.
- Line laser levels – Self-leveling, horizontal and vertical cross line laser level for rapid, accurate leveling and layout accurate to 3 mm at 10 m.
- Green lasers for improved visibility– Up to 3 times brighter, and suited for long range applications.





CSL Technology Showcase - New Plymouth

Following the postponement of the NZ Oil & Gas Expo for 2016, CSL decided to bring their own product showcase to customers in Taranaki.

A series of events was scheduled visiting a number of industrial sites including, Balance Agri Nutrients Kapuni, Worley Parsons and Methanex. Electrical & Instrumentation Engineers, site E & I Maintenance Team Leaders and site E & I Maintenance Technicians enjoyed the convenience of being able to talk to CSL product specialists on site about the new product innovations on show. Specific enquiries were asked for prior to the event to ensure samples and information were on hand to address the query and offer the best solution.

An event was also held at The Plymouth Hotel which was attended by a wide cross section of customers .

The product focus was primarily on industrial and hazardous area ranges which were selected based on relevance to the customers attending. Products featured included:

- Eaton Crouse Hinds LED Lighting
- Weidmüller Terminals, Power Supplies, Data & Signal Interface Units & Junction Boxes
- Weidmüller & Partex Identification & Labelling products
- Fluke Test & Measurement
- IDEC & EATON Automation & Power Distribution Products
- BARTEC Mobility Solutions, Camera's, Phones & Tablets

New product releases were also showcased:

- Wi-Care: Wireless vibration analysis & monitoring for industrial & hazardous areas.
- SA Equip: Portable lighting, heating jackets & electrical products for Hazardous areas.

CSL Technology showcase events will become a regular occurrence not only in New Plymouth, but also other parts of NZ. Look out for one near you soon.



NEW
PRODUCT

Weidmüller Klippon Connect

Maximum flexibility with PUSH IN technology

Weidmüller's new A-series terminal range with PUSH IN connection technology stands for safe wiring and simple handling. The PUSH IN technology reduces connection times for solid conductors and conductors with crimped-on wire-end ferrules by up to 50 percent compared to tension clamp terminals. The conductor is simply inserted into the contact point and that's it – you have a safe, strong, gas-tight connection. Offered now in two series, a universal range for maximum flexibility in design and an application range tailor-made for instrument signal wiring or control voltage distribution. The Klippon Connect A-series provides the right connection solution for your needs.



Wishing you
all a **Merry**
Christmas &
Happy New
Year from the
team at CSL.

