



240 Thames Rd. West
Exeter, Ontario
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Latec Instruments Inc.

Introduces

Level-Ice - Laser Control for Ice Resurfacing Machines

Level-Ice is a Laser machine control for levelling ice. The system is designed to automatically control the cutting blade in the ice surface conditioner to achieve an accurate, level ice surface at optimum thickness. This type of grade control system has been used in other industries for over 30 years. Using this type of system, a road grader or bulldozer can control level to within .25 inches. The Level-Ice system lets the operator know the elevation of the ice and it levels the ice sheet almost perfectly flat to five-thousands of an inch every time.

This unique system represents years of research and development by the Latec Team. After designing an OEM Product that works with the hydraulic system, Latec set out to design an aftermarket Electrical Product that could be retrofitted on existing Ice Resurfacing machines.

We proudly introduce **Level-Ice** to all professionals involved with ice making. The system offers improved ice conditions for all and improved safety. There is a substantial energy savings along with maintenance reductions, and improved equipment life expectancy.

Our goal was quite simple; to provide a cost effective system that provides better ice, time and labour savings, reduced energy costs and potentially more ice time to sell. All of this leads to an excellent return on investment for our customer.

Bob McIntosh, President, stated, "Latec is a specialty manufacturer working in niche markets with unique products and **Level-Ice** is just that. A number of our employees are involved in hockey and curling so developing this system became quite a passion."

Paul Marsh, General Manager, added, "I recently joined Latec because there was a strong team in place and they were passionate about the business, especially **Level-Ice**. My extended family is involved in hockey and once I heard about **Level-Ice** I felt the need to promote its use."

SYSTEM COMPONENTS



SPECIFICATIONS

Command Centre	
Accuracy	1 mm @ 30 m
Range	400 m
Laser Type	670 nm visible, Class I
Operating Temperature	-20° to 50°C
Control Unit	
Laser Capture Height	105 mm
Reception Angle	360°
Accuracy	0.5 mm
Operating Voltage	+12 / 24 vdc
Operating Temperature	-20° to 50°C
Strobe Light Rejection	Yes
Self Diagnostic	Yes
Beam Lost Indicator	Yes
Units	Metric/Imperial

About Latec Instruments Inc.

Latec is an Electronic Design and Manufacturing Company, specializing in laser and inclinometer machine control systems. We focus on various market segments including Agriculture, Construction, Surveying and Recreation. As a specialty niche manufacturer we also seek out customers that have a unique need whereby laser and/or a machine control may solve a problem or provide a solution.

Call us for more information regarding **Level-Ice**: 1-519-235-4585

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Latec Instruments Inc. is a division of GeoShack North America, Inc.