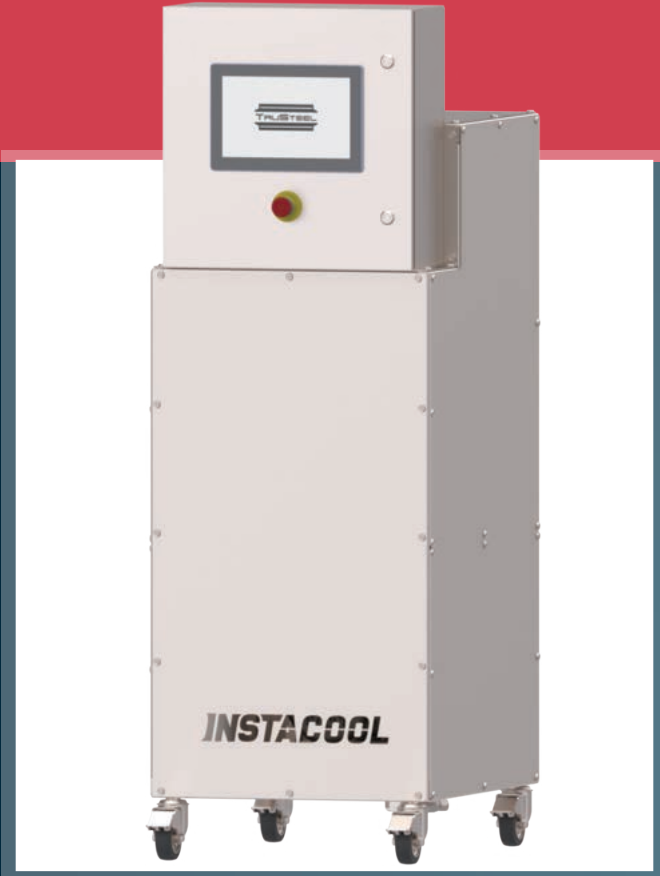




# INSTACOOOL

## INLINE COOLING SERIES



**OPTIONS UP TO 300 US GAL/HR**  
(1135 Liters) Per Hour of Solvent



**COMPLETE AUTOMATION**  
Modbus Integration Compatibility



**-60°C RATED**  
Dial in your Ideal Extraction Temp



**CONTINUOUS PROCESS FLOW**  
Eliminates Solvent Pre-Chilling and Storage



**C1D2 COMPLIANT**  
Hazloc Motor & Intrinsically Safe HMI



**PEER ENGINEER REVIEWED**  
Streamlined Safety Approval Process



**UL and cUL Compliant**  
Control Panel, PLC and Motors



**MADE IN THE USA**  
Highest Standard of Quality & Testing

## FAST, EFFICIENT SOLVENT COOLING

The InstaCool is designed to chill up to 300 US gal/hr from room temp down to -60C inline when paired with ancillary chillers. Optional tanks and attachments control filling of any centrifuge or extractor with adjustable volumes at the push of a button.

Automation comes standard with a HMI, built-in fail safes, alarms, data logging, and remote control.

## BY EXTRACTORS – FOR EXTRACTORS

The InstaCool is an investment in your future as this scalable solution that can grow with your business. Processors using this system have the ability to easily add more extractors and provide more solvent without having to purchase another unit or use consumables like liquid nitrogen.

## STANDARD FEATURES

- Wetted Materials: 304 & 316 Steel, PTFE
- Compatible With: Ethanol, Methanol, Heptane, Hexane, Acetone, Acetonitrile
- Peer Engineer Reviewed
- USA and Canadian UL Listed Panel & Motors
- Installation, Training & Support Included
- 1 Year Warranty

**Base Unit: (inside CID2 Zone)**

**Dimensions:**

41 x 26 x 61 (LxWxH inches)

**PLC: (Non-Hazardous Zone)**

**Dimensions:**

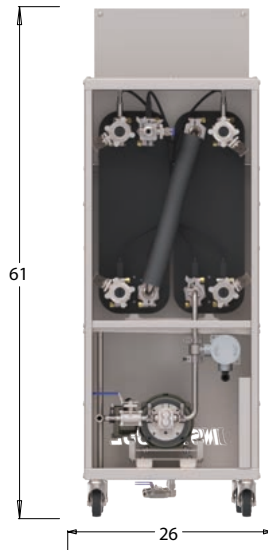
12 x 30 x 36 (Approx. LxWxH inches)

208-230V 1Ø 30A

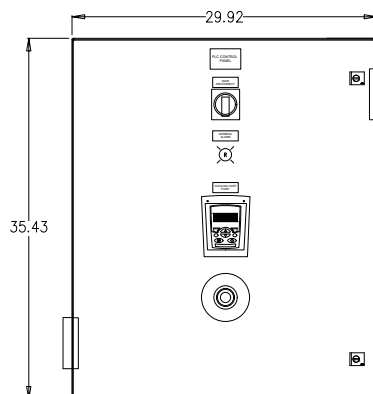
**Chillers:**

Models vary to meet your temperature and flow rate requirements.

Configurations from 30 to 300 US Gal/hr are available.



### PLC Panel



## REVOLUTIONARY TEMPERATURE CONTROL

The instacool is a revolutionary temperature control unit for inline chilling of clean solvent.

Processors can supply the extraction equipment with cold solvent when they need it, maximizing their extractors performance while preventing the need for pre-chilling and storing high volumes of solvent. It's design also eliminates the risk of leaking refrigerant into the process.

The intelligent controls allow you to maximize the performance of any chiller unit on the market, and features modbus communication for easier networking.

As with all TruSteel products, the control module seamlessly integrates into your lab space. This allows for remote access, data-logging, and performance monitoring.

Contact a TruSteel rep today for more information!