## ISCO 100HLF Hazardous Location Syringe Pump



**Brand:** Teledyne ISCO **Product Code:** isco-100hlf **Availability:** Call for availability

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## **Description**

Teledyne ISCO HLf-Series pumps give you the same accurate, predictable flow and pressure control as our standard D-Series, while conforming to safety standards for use in UL Class I, Division 2, Groups A B C & D, T4 environments. The hazardous location rating is achieved through internal design modifications including the use of brushless DC motors. This approach eliminates the need for purge boxes or other additional safety devices. Wetted materials are compat?ible with most aqueous and organic liquids, corrosive solutions, heated fluids, liquefied gases, viscous fluids, or slurries and pastes. If needed, optional materials such as Hastelloy C-276 are available on request. controller has a keypad and LCD, as well as built-in and optional interfaces for computer control and other devices. Programming is easy and flexible, with instant access to menu screens even when the pump is running. This allows you to change operating parameters on the fly. <h2>?Standard Features?</h2> Modes<br/>- Constant flow or pressure with up to four pumps<br/>- Continuous flow or pressure with dual pump<br/>
y-- Flow or pressure programming with single pump<br/>- Dispense mode External Interface<br/>- RS232/485 serial interface<br />- Analog voltage inputs<br />- Digital inputs and outputs<br />-Ethernet/USB <h2>Applications</h2> Metering and dispensing in experiments and pilot plants where explosive conditions may occur Precision fluid addition in research and manufacturing processes Chemical/reactant feed in chemical process development, catalyst evaluation, plastic formulation