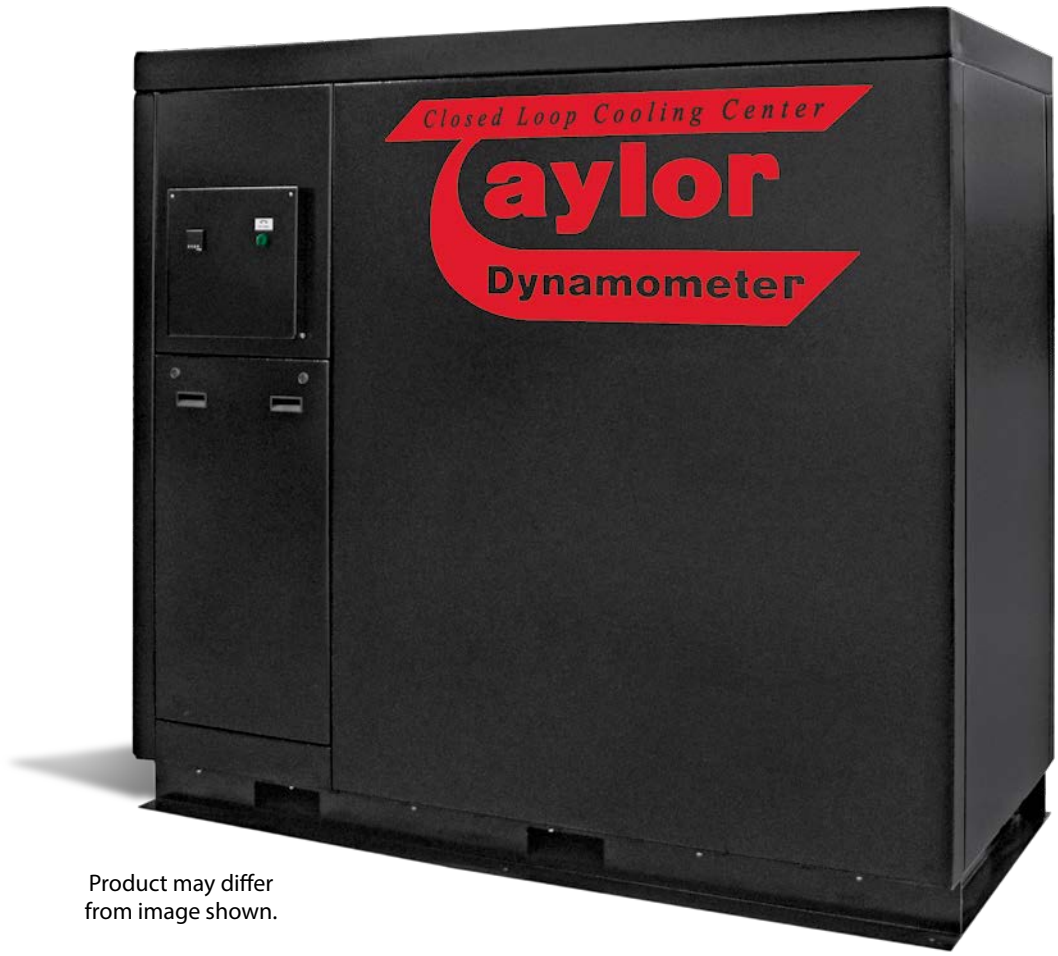
Closed Loop Cooling Center / Engine Dynamometer



Product may differ
from image shown.

Taylor has a family of Closed Loop Cooling Centers (CLCC), each sized to handle the heat rejection typically required for engines that are of 1,250 hp, 2,500 hp, 4,250 hp, and 8,000 hp (932 kW, 1,864 kW, 3,169 kW and 5,965 kW). The CLCC allows you to use a glycol-based coolant to regulate an engine coolant circuit temperature while cooling the CLCC with the facility process water.

The CLCC system utilizes a heat exchanger (liquid-to-liquid) and temperature sensor to control and monitor the coolant temperature. The coolant temperature is controlled by a set point that you set in the controller or remotely using a remote set point from the DynPro$_2$ system. All you need is an optional DynPro$_2$ cable to enable this capability. The CLCC also includes a coolant pump within the enclosure. This coolant pump is used to fill and empty the engine before and after testing. A coolant tank of suitable capacity is required to complete the system and an expansion tank is required to capture gasses entrained in the coolant and allow for fluid expansion.

Everything you need to succeed

3602 West Wheelhouse Road, Milwaukee, Wisconsin 53208 U.S.A.
(414) 755-0040 **www.taylordyno.com**