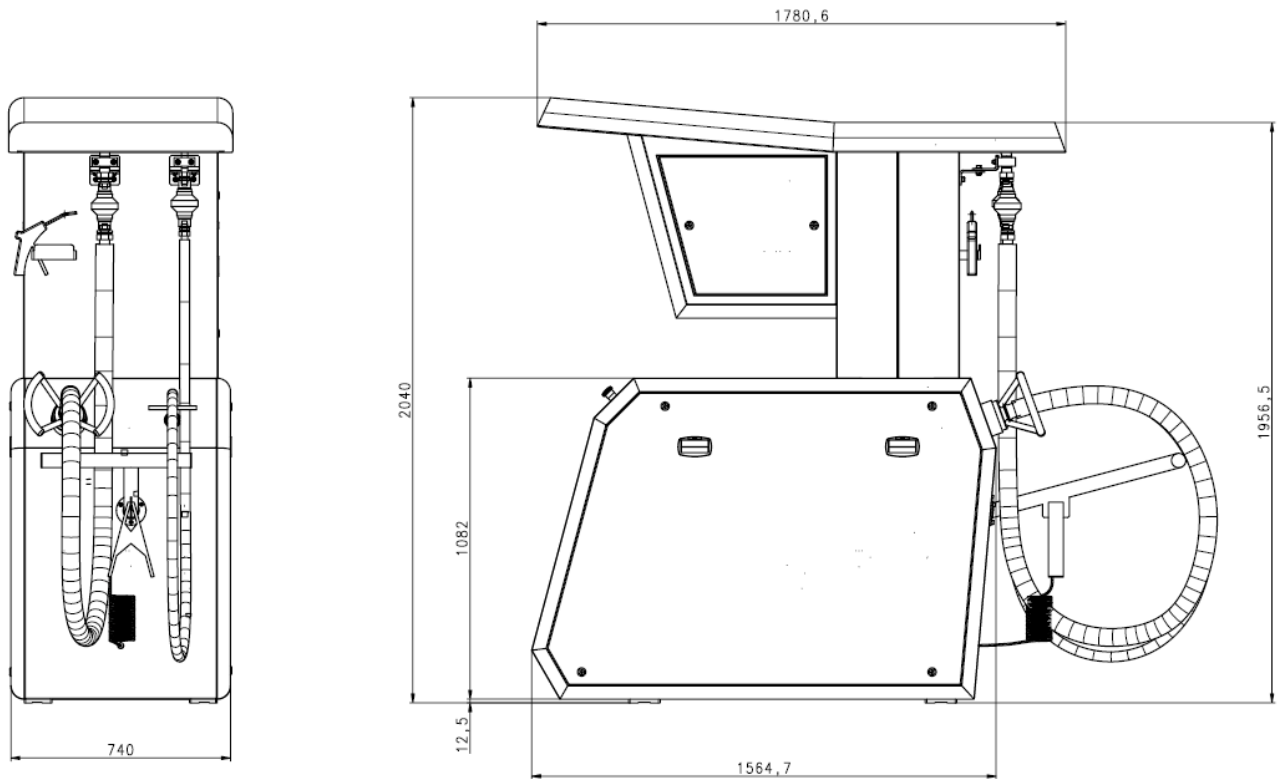


CRYOSTAR has developed the new 2.0 LNG DISPENSER to refuel LNG powered trucks in a safer, easier, and more ergonomic way than it has ever been achieved before.



All instruments and controllers are integrated into a modern housing taking into account all specificities related to LNG refueling. The dispenser has to be connected to the LNG pump skid by 2 vacuum insulated lines.

Its proprietary CRYOFUELTRONICS™ electronic card controlling the automatic refueling process allows a standalone use for an easy implementation on any kind of LNG refuelling station. Indeed, only power and pump start/stop signals are needed as a minimum to run the dispenser. Nevertheless, if additional communication is required, a MODBUS signal can also exchange a lot more information with your station control system.

The LNG DISPENSER 2.0 significantly reduces gas losses. All vent outlets coming from the dispenser and vehicle tank are recovered and re-directed into the storage tank. Depending on vehicle tank configuration the dispenser can automatically identify the necessity to depressurize the vehicle tank giving the operator a total peace of mind.

The Coriolis flow meter and related electronics are validated for Measure & Weights approval according to MID directive and present highest accuracy available today for LNG measurement

Refueling completion is controlled by low flow detection and continuous pressure control via the pressure transmitter thus ensuring two safety interlocks.