

CryoMac® 3 50 GPM LNG Fueling Nozzle

Application

The CryoMac 3 is a high technology LNG fueling nozzle, unique with safety stop to guarantee a safe operation and prevents safety stop from resetting prematurely during nozzle removal.

Features

- Fluid Compatibility: LNG, Methane and LN2
- Maximum Pressure: 500 psig/34.5 barg
- Burst Pressure: greater than 1,500 psig/103.5 barg
- Rated Flow: 50 GPM @ 250 psig (LNG)
- Nozzle Weight: 10 lbs
- Port Size: 1" Male SAE 37 degree flare (SAE J514) (1 5/16 -12 thd.)
- Operating Temperature: -320°F to +140°F / -195°C to 60°C
- 3rd Party KIWA Testing in accordance with ISO 12617
- 100% pressure tested
- Improved positive "safety stop" does not release until triggered after venting trapped gas and before disconnecting the nozzle for added safety and operator protection
- Improved longer service life of the receptacle end seal
- Reconfigured to be more compatible with Macro and other receptacle designs
- Ball bearing design "guides and locks" the nozzle in place during fueling for easier connections
- Designed to prevent freezing onto the receptacle utilizing non-metallic bearings, air gaps and insulation
- Easy access for maintenance on the receptacle end seal, poppet assembly and seat



CryoMac 3

CERTIFIED

according to ISO 12617 approved product as specified by ISO 16924
Natural gas fueling stations – LNG stations for fueling vehicles

Materials

Seat	UHMW
Poppet Body	Brass
Spring	Stainless Steel or Spring Wire
Probe	Stainless Steel
Tube	Stainless Steel
Fitting	Stainless Steel
Housing	Aluminum



ATEX

CE Ex II 2G c IIA T3 X

Designed, tested and marks in accordance with ATEX directive 2014/34/EU

Ordering Information

Old Part Number	New Part Number	Inlet Connection	Handle
CryoMac3-50M	CryoMac3-50M	SAE J514 (37° Flare JIC)	Standard
CryoMac3-50M-S	CryoMac3-50M-S	SAE J514 (37° Flare JIC)	Short