Mini-Magnicator™

Light Duty Magnetic Level Gage

Superior Visibility

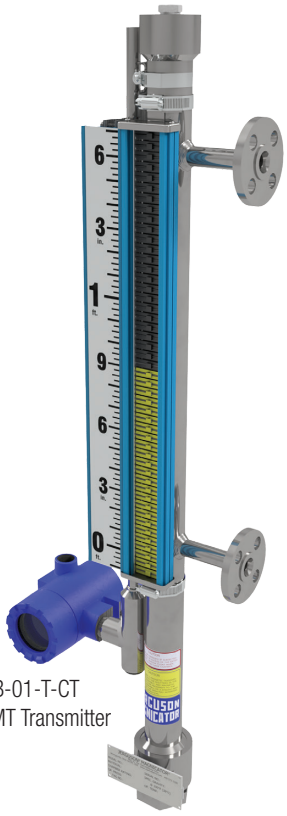
Compact Design



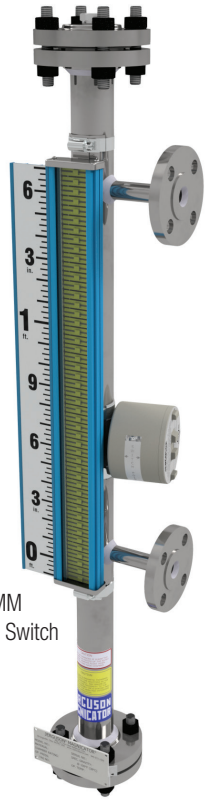
JERGUSON®

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MII-15B-01-T-CT
With JMT Transmitter



MII-15B-01-T-MM
With RS/2 Reed Switch

Jerguson Mini-Magnicator™

Models Beginning With: MII-15B

The Mini-Magnicator is specifically designed for the light duty industrial market. These versatile and economical level devices can be utilized in a variety of applications.

How it works

The Magnetic Level Gage chamber contains a float, with magnets, that rises and falls as liquid level changes in the storage vessel. The float is magnetically coupled to the external indicator, whose flags rotate to indicate level, as the float travels by. The updated design utilizes the Jerguson patented magnetic arrangement for superior reliability.

The Magnet Matters!

Features

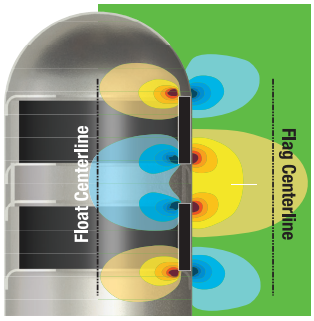
- Superior visual level indication from extended distance
  - *Wide Indicator standard (flags with integral magnets)*
- **NEW!** Float design can now operate reed switches and various transmitters
- Shock and vibration resistant
- Considerable upgrade for armored or tubular glass with
  - *Less maintenance and leak paths*
- Easy Installation
- Economical means for level indication
- Construction to ASME B31.3 std. / B31.1 optional
- Custom Engineered designs

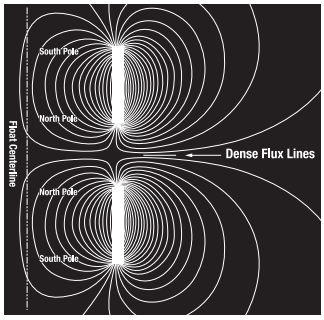
Specifications

- 1.5" Sch 10 Chamber
- Max Pressure: 475 psig (32.7 barg)
- Max Temp: 650˚F (343˚C)
- S.G. Down to .59
- Flange Class: 150# & 300#
- Materials of Construction: All 316SS, All 304SS, 316 or 304 with CS trim
- Visible Range: 1' – 18.5'
- NACE MR0103/0175

(Consult M100.30 Magnicator Specification Guide for configuration selection)

Jerguson uses a unique float construction with 360 degree ring magnets with north poles opposing. This yields a strong focused magnetic field which eliminates skipped flags and provides reliable activation of switches and transmitters.





Selection Guide

		Mini-Magnicator™	Magnicator II
Float	360 degree Magnetic Float Arrangement	+	+
	Float Material - Titanium	+	+
	Float Material - 316SS, HastC, Monel, Alloy20, PVDF, Spherical	-	+
	Minimum S.G.	.59	.36
Chamber Construction	Pipe Size - 1-1/2'' Sch 10	+	-
	Pipe Size - 2, 2-1/2'', 3'' Sch 40 - 160	-	+
	Branch Connection - Welded Pipe Nipple	+	+
	Branch Connection - Reinforced O-Let	-	+
	Branch Connection - Butt Weld Tee	-	+
	Materials Availability - 316SS, 304SS, CS Trim	+	+
	Material Availability - Exotic Alloys	-	+
	Flashproof Style	-	+
	Pressure Rating	475 psig (32.7 barg)	3500 psig (241.3 barg)
	Temp Rating	650˚F (343˚C)	1000˚F (537˚C)
Indicator (w/ Integral Magnets)	Wide Flag	+	+
	Standard Flag	+	+
	NightStar® (LED illuminated)	+	+
	Hermetically Sealed (Glass or Polycarb)	+	+
	Scale Type (ft/in, M/mm, %, Volume, Custom)	+	+
Accessories	Magnetostrictive Transmitter (JMT™, MTII4300™)	+	+
	Reed Transmitter (RST2)	+	+
	Reed Switches (RS-2™, RS 2/2™)	+	+
	SAS-16™ Switches (Tri-Magnet)	-	+

Available + *Not Available* -

Available Options & Accessories

- JMT – Magnetostrictive Transmitter
- RST2 – Reed Switch Transmitter
- RS-2 – Reed Switch (SPDT)
- RS-2/2 – Reed Switch (DPDT)
- Hermetically Sealed Indicators
- NightStar Indicator (LED Illuminated)





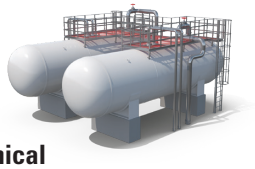


Common Applications



Refining / Gas Processing / Petrochemical

Storage Vessels
Lube oil skids
Separation Vessels
Hydraulic Reservoirs
Scrubbers
Diesel, Propane storage
Coalescers
Various OEM Skids



Chemical

Storage Vessels
Chemical Reaction / Injection
Refrigeration
Solvent Tanks
Agricultural
Pharmaceutical Skids



Power

Package Boilers
Deaerator tanks
Feed Water
Heating Condensors
Hot Wells
Storage Vessels

MORE **Jerguson®** SOLUTIONS



Jerguson
360™ Valve



Jerguson Tri-Magnet™
Level Switches



Jerguson SafeView™
Safety & Protection



Jerguson LumaStar™
Level Gage Illuminators

Authorised Distributor:

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