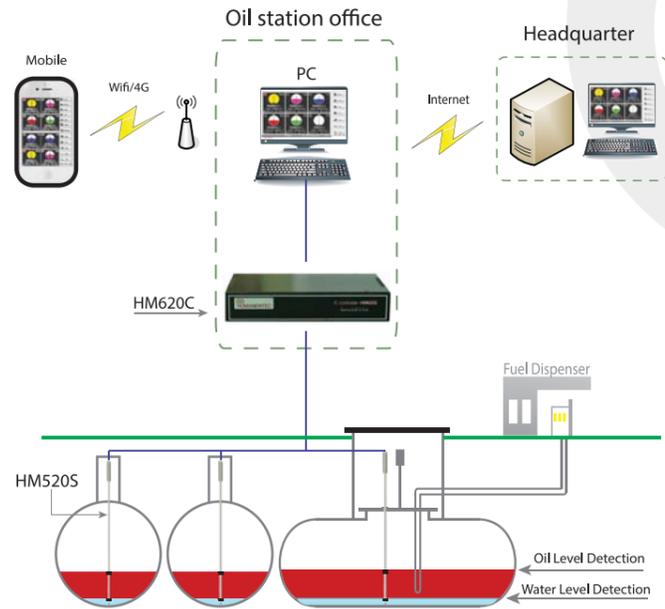


**ATG Configuration 2**



SINCE 1993  
Hidden Champion

ATG

# AUTOMATIC TANK GAUGE

24/7

**OIL MANAGEMENT + LEAK DETECTION**

LCD monitor  
**HM720B** & Sensor  
**HM520S**

**Spec of LCD Monitor  
<HM720B>**

Dimensions	325x225x60 (mm)
Power	AC110/220 60Hz
Communication(Port)	RS-232,RS-485/422,Ethernet,USB
Screen size	7 inch

**Spec of PC controller  
<HM620C>**

Input voltage	AC 110/220V 60Hz
Output voltage	DC 12V 30W
Max. number of sensors	32ea
Explosion-proof	Intrinsic Safety(Ex ia IIA T4)
Port	USB,RS-232,RS-485,Ethernet
Status	LED indicator
Dimensions	385x150x45 (mm)

**Spec of Sensor  
<HM520S>**

Resolution	0.01% FS or less (Unit. 1/1,000 mm)
Linearity	±0.05% FS
Temp. change	40ppm FS/S or less
Scan frequency	500-1000Hz
Maximum pressure	30Kgf/Cm2
Power supply	DC 12V,70mA
Temp. range for use	-20 - 65 °C
Temp. Range for storage	-50 - 85 °C
Earthquake proof	6G (40Hz)
Impact resistance	50G
Explosion-proof	Intrinsic Safety(Ex ia IIA T4)
Sensing type	Magnetostrictive Technology
Communication type	RS-485
Measurement range	50~12000mm
No. of floaters	oil & water (2 ea)
Size of floaters	φ40

Materials and product specifications shown in this catalogue are subject to change without prior notice for quality improvement reasons.

ATG



WORLD CLASS TECHNOLOGY

# AUTOMATIC TANK GAUGE

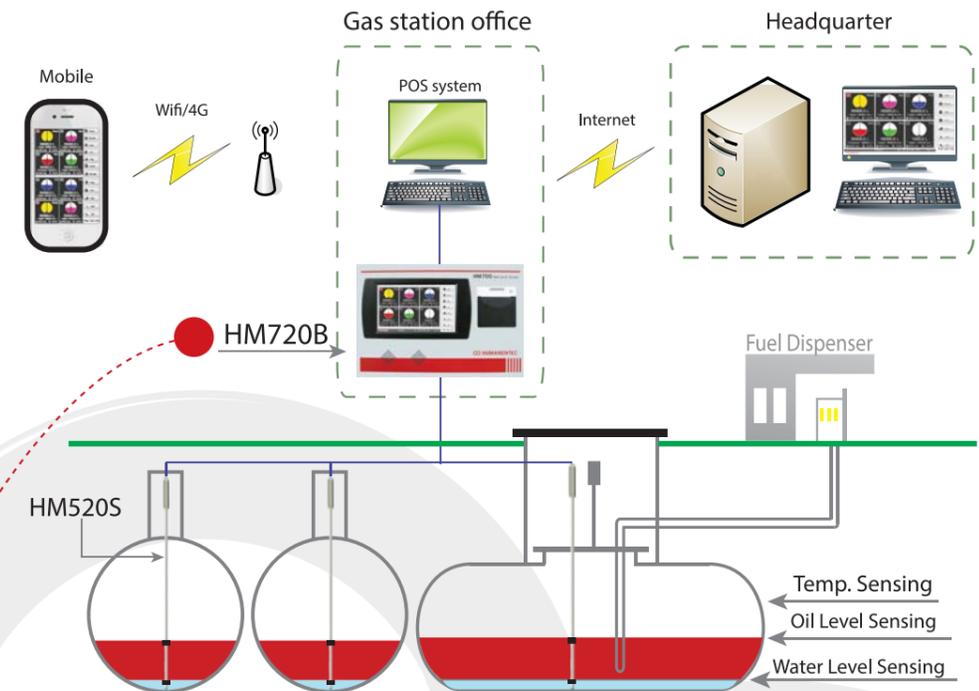
OIL MANAGEMENT + LEAK DETECTION **24/7**

- Ultramodern-precision sensor : A resolution of 0.001mm
- Distinguished durability Made of stainless steel body
- 7" wide Touch screen for easy oil management
- 32 sensors can be connected to one HM720B
- Alarm functions : Leak detection, Limits warning
- Built-in 2 inch Thermal printer



HM720B LCD monitor

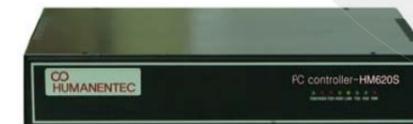
## ATG Configuration 1



**HM520S** Sensor/Probe

Ultramodern-precision : A resolution of 0.001mm  
 Leak detection of oil or liquid contents : 0.8L/1 hour  
 Distinguished durability(Made of stainless steel body)  
 Easy installation- Less procedure than ever  
 The Small floaters- one of the smallest in the market.

HM620C PC controller



Easy to manage by using a PC  
 Customized Software for buyer's needs  
 Simple procedure to install  
 Good and modern looking design  
 Economical buying cost



- Oil level check
- Moisture check
- Temperature check
- Measuring stick height function

**Principle of level sensor**  
 Uses the principle of magneto-striation that detects tension strain pulse induced at the magnetic field of current pulse(Current pulse flows along the electric wire inside the waveguide) flowing through the waveguide inside the LDT rod and the magnetic field of the permanent magnet attached to the object whose displacement is to be measured. Following tensional pulse strain detection, the position of the magnet or the position of the object to be measured is accurately reflected in either digital or analog signal.

OIL MANAGEMENT SYSTEM  
 LEAK DETECTION SYSTEM