

# TANK & DRUM GAUGES



# Tank & Drum Gauges / Mechanical Gauges

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL &amp; VENT

VALVES

FITTINGS

TOOLS


**Fraction**

READING

**Specific**

TANK HEIGHT

## MT Profil Float Gauge

- > Simple & economical float operated clock gauge for the quick & clear identification of approximate tank contents
- > Small mechanical display showing Empty, 1/4, 1/2, 3/4, Full
- > Designed for use on specific tank heights
- > 8'0 version is adjustable to the individual tank height & has a reversible display showing 150cm max on one side & 250cm max on the other
- > Supplied as 1 1/2" M BSP for easy top mounting onto the tank
- > Popular choice for heating oil tanks

Code	Description	Reading Type	Tank Height (ft/mm)	Gauge Fitting	Fluids
OAB3001	MT Profil Float Gauge 1'6	Empty, 1/4, 1/2, 3/4, Full	1'6/457	1 1/2" M BSP	
OAB3002	MT Profil Float Gauge 2'0	Empty, 1/4, 1/2, 3/4, Full	2'0/610	1 1/2" M BSP	
OAB3004	MT Profil Float Gauge 2'6	Empty, 1/4, 1/2, 3/4, Full	2'6/762	1 1/2" M BSP	
OAB3003	MT Profil Float Gauge 3'0	Empty, 1/4, 1/2, 3/4, Full	3'0/904	1 1/2" M BSP	
OAB3304	MT Profil Float Gauge 4'0	Empty, 1/4, 1/2, 3/4, Full	4'0/1219	1 1/2" M BSP	
OAB3305	MT Profil Float Gauge 5'0	Empty, 1/4, 1/2, 3/4, Full	5'0/1524	1 1/2" M BSP	
OAB3309	MT Profil Float Gauge 6'0	Empty, 1/4, 1/2, 3/4, Full	6'0/1828	1 1/2" M BSP	
OAB3308	MT Profil Float Gauge 8'0	Cm Display	8'0/2438	1 1/2" M BSP	


**0-100%**

READING

**Adjustable**

TANK HEIGHT

## MTF 2000 Float Gauge

- > Cost effective, universal float operated clock gauge for the quick & clear identification of tank contents
- > Small mechanical display showing percentage of contents remaining in the tank
- > Fully adjustable between tank heights of 900mm-2000mm so only one model needs to be stocked
- > Gauge can be directly mounted onto 1 1/2" & 2" F BSP threads for flexibility of installation
- > Brass and nickel silver movement
- > Long service life
- > Popular choice for heating oil tanks

Code	Description	Reading Type	Tank Height (ft/mm)	Gauge Fitting	Fluids
OAB3320	MTF 2000 Float Gauge	0-100%	3'0/904 to 6'7/2000	1 1/2" & 2" M BSP	



## Unitel Hydrostatic Gauge

- › Pneumatic tank gauge with spring loaded plunger to pull & release to show current tank contents
- › Mechanical display showing tank contents as a percentage (standard version) or in litres (calibrated version)
- › Fully adjustable between tank heights of 900mm-3000mm
- › Accuracy of +/-3% at full scale
- › Dual scale for use on horizontal & rectangular tanks
- › Adjustable second needle for setting the level parameter for when you need to reorder fuel
- › Gauge face dimensions 145mm x 135mm
- › **Please request or download from the website the tank questionnaire for calibrated gauges.**

**% or Litres**

READING

**+/-3%**

ACCURACY



Code	Description	Reading Type	Tank Height (mm)	Capillary	Balance Chamber Tank Fitting	Balance Chamber Weight	Working Temp	Fluids
OAB9000	Unitel Gauge	0-100%	900-3000	20m PVC	½" M BSP & 1" M BSP	Stainless Steel	-5°C/+55°C	D K B1 AB W
OAB9000C	Unitel Gauge - Calibrated	Litres	900-3000	20m PVC	½" M BSP & 1" M BSP	Stainless Steel	-5°C/+55°C	D K B1 AB W
OAB9004	Unitel Condensation Trap							D K B1 AB W



## Unitop Hydrostatic Gauge

- › Pneumatic tank gauge with spring loaded plunger to pull & release to show current tank contents
- › Mechanical display showing tank contents as a percentage (standard version) or in litres (calibrated version)
- › Fully adjustable between tank heights of 900mm-3000mm (standard version) and 700mm-4000mm (calibrated version)
- › Accuracy of +/-2% at full scale
- › Dual scale for use on horizontal & rectangular tanks
- › Adjustable second needle for setting the level parameter for when you need to reorder fuel
- › Gauge face dimensions 155mm x 165mm
- › **Please request or download from the website the tank questionnaire for calibrated gauges.**

**% or Litres**

READING

**+/-2%**

ACCURACY



Code	Description	Reading Type	Tank Height (mm)	Capillary	Balance Chamber Tank Fitting	Balance Chamber Weight	Working Temp	Fluids
OAB8000	Unitop Gauge	0-100%	900-3000	20m PVC	½" M BSP & 1" M BSP	Stainless Steel	-5°C/+55°C	D K B1 AB W
OAB3318	Unitop Gauge - Calibrated	Litres	700-4000	20m PVC	½" M BSP & 1" M BSP	Stainless Steel	-5°C/+55°C	D K B1 AB W
OAB9004	Unitel Condensation Trap							D K B1 AB W

ANY FLUID

## Apollo Oil Tank Gauge

- › Easy to retrofit, ultrasonic tank contents gauge for heating oil tanks
- › Transmitter fits on top of the tank & the receiver plugs into a socket inside the property to conveniently display the tank level
- › Digital display bar graph reading on receiver – 10% tank height per bar
- › Apollo Visual has a transmitter bar graph display for monitoring the local tank reading
- › Flashing LED to show when tank is empty
- › Transmitter to receiver range is 200m depending on obstacles
- › Receiver: 150-250v, 50/60Hz
- › Transmitter: 3v lithium battery (approx. 10 years)



Bar Graph

READING

Two Part

TYPE



Apollo Visual

Code	Description	Reading Type	Tank Height (mm)	Local Display	Remote Display	Tank Fitting	Working Temp	Fluids
APUOLM	Apollo Oil Gauge	Bar Graph	500-3000		o	32mm	-10°C/+60°C	AF
APUOLMVIS	Apollo Visual Oil Gauge	Bar Graph	500-3000	o	o	32mm	-10°C/+60°C	AF
APUOLM02	Apollo Steel Tank Adaptor					1 ½" & 2" M BSP		AF
APUOLM03	Apollo Visual Steel Tank Adaptor					1 ½" & 2" M BSP		AF

ANY FLUID

## Apollo Smart Oil Tank Gauge

- › Easy to retrofit, ultrasonic tank contents gauge for heating oil tanks
- › Transmitter fits on top of the tank & the desktop receiver plugs into a wall socket via a transformer to conveniently display the tank level
- › Digital display litre & bar graph reading on receiver – 10% tank height per bar
- › Transmitter has a local bar graph display
- › Audible low level alarm & anti-theft alarm which sounds if the fuel level drops suddenly
- › Monitors fuel consumption levels in litres & cost by day, week, month or year & the number of days you have until tank is empty
- › Provides room temperature reading & CO2 emission data
- › Transmitter to receiver range is 150m depending on obstacles
- › Receiver: 150-250v, 50/60Hz
- › Transmitter: 3v lithium battery (approx. 10 years)



Bar/Litres

READING

Two Part

TYPE



NEW

Code	Description	Reading Type	Tank Height (mm)	Local Display	Remote Display	Tank Fitting	Working Temp	Fluids
APUOLMSMART	Apollo Smart Oil Gauge	Bar Graph & Litres	500-3000	o	o	32mm	-10°C/+60°C	AF

# Tank & Drum Gauges / Electronic Gauges

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS



ANY FLUID

## Watchman Oil Tank Gauge

**Bar Graph**

READING

**Two Part**

TYPE

- › Easy to retrofit, ultrasonic tank contents gauge designed for plastic & steel domestic heating oil tanks
- › Transmitter fits on top of the tank & the receiver plugs into a socket inside the property to conveniently display the tank level
- › Digital bar graph reading on receiver – 10% tank height per bar for simple visual indication
- › Pump symbol appears to prompt a fuel delivery when tank level falls below 10%
- › Flashing red LED to show when tank is empty
- › Transmitter to receiver range is 200m depending on obstacles
- › Receiver: 150-250v, 50/60Hz; Transmitter: 3v lithium battery
- › Battery life approx. 3 years

Code	Description	Reading Type	Tank Height (mm)	Remote Display	Tank Fitting	Working Temp	Fluids
WATCH01	Watchman Sonic Oil Gauge	Bar Graph	500-3000	o	32mm & 2" M BSP	-10°C/+60°C	AF



## Piusi Ocio Fuel Tank Gauge

**%/Litres/mm**

READING

**+/-1%**

ACCURACY

- › Continuous reading, hydrostatic tank contents gauge for commercial tanks
- › Digital display reading in percentage, level (mm) or volume (Litres)
- › Accuracy of +/-1% at full scale
- › Low & high level status alerts can be set up, with flashing LED screen upon activation
- › c/w two configurable relays for connecting to other equipment e.g. a low/high level alarm
- › Supplied with 10m of capillary, but can work up to 50m
- › Can be calibrated on site
- › Versions for diesel and AdBlue®, and optional oil kit
- › 4-20ma version for use with building management systems
- › Tank shapes - vertical cylindrical, horizontal cylindrical & rectangular

Please note: Tank opening needs to be minimum 30mm diameter for balance chamber weight

Code	Description	Reading Type	Tank Height (mm)	Capillary Length (m)	Balance Chamber Tank Fitting	Balance Chamber Weight	Working Temp	Fluids
F0075510D	Ocio 230v	0-100% mm/inches litres/gals	600-4000	10	½" M BSP	Brass	-20°C/+50°C	D W O *
F0075501B	Ocio 110v	0-100% mm/inches litres/gals	600-4000	10	½" M BSP	Brass	-20°C/+50°C	D W O *
F0075514O	Ocio 230v AdBlue®	0-100% mm/inches litres/gals	600-4000	10	½" M BSP	Stainless Steel 304	-20°C/+50°C	AB
F0075516O	Ocio 230v 4-20ma	0-100% mm/inches litres/gals	600-4000	10	½" M BSP	Brass	-20°C/+50°C	D W O *
F12939000	Ocio Oil Kit			3				O 30-2000cSt

\*Only suitable for oil if Oil Kit is purchased

ANY FLUID

## Ocio Desk Software

- › Ocio Desk software connects the Ocio to a PC to allow the viewing of the tank level status direct from the computer
- › Provides visual indication of tank level as well as in percentage, level (mm) or volume (Litres)
- › Current & historic tank level data is displayed graphically which can be used to identify any unusual results
- › Can be set up to update at a specified time interval or variation in level or volume
- › Connection is via USB interface & can transmit data via 2 core screened cable to a PC 900m away (multi-core cable required for multi-tank versions)
- › Can connect up to 12 different tanks' Ocio gauges to the same PC (depending upon software version)



Ocio

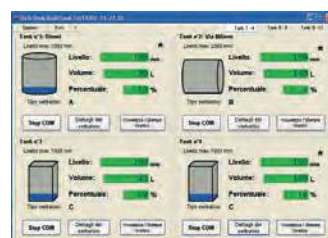
USE WITH

Up to 12

TANK NUMBER



Ocio Software



Screenshot

Code	Description	Number of Tanks	Software CD	PC Interface
F00755S10	Ocio Desk – Single Tank	1	0	1 x Single Port USB Hub
F00755S00	Ocio Desk – 4 Multi Tank	4	0	1 x Quad Port USB Hub
F00755S20	Ocio Desk – 8 Multi Tank	8	0	2 x Quad Port USB Hub
F00755S30	Ocio Desk – 12 Multi Tank	12	0	3 x Quad Port USB Hub

ANY FLUID

## Ocio GSM

- › Ocio GSM connects to the Ocio gauge & sends the current tank level via SMS for remote monitoring
- › Sends an alert via SMS when the tank level enters or exits the predetermined low/ high level state
- › Can be set up to send a tank level reading in mm at pre-determined timed intervals
- › Tank level readings can be sent on demand by texting the SIM card set up on the GSM unit
- › GSM transmitter can control up to 8 different Ocios via a 9 core screen data cable
- › Max length 9 core screen cable 900m between Ocio & GSM/ Expansion box and 5m between GSM & Expansion box
- › System requires a GSM SIM card with a system supporting up to 10 mobile phone numbers in the built-in phonebook
- › Only compatible with 3G



Ocio

USE WITH

Up to 8

TANK NUMBER



Ocio GSM

example:

To manage 1 tank



To manage up to 4 tanks



To manage up to 8 tanks



○ Ocio GSM  
● EXPANSION Ocio GSM  
● Ocio LEVEL INDICATOR

Required Models

Code	Description	Number of Tanks	V	Colour Code
F00755G30	Ocio GSM Quad Band	1	110-230	White
F00755G20	Ocio GSM Tank Expander for 2-4 Tanks	2-4		Grey
F00755G40	Ocio GSM Tank Expander for 5-8 Tanks	5-8		Yellow