

Blue1 Compact



The BLUE1 Compact is an AdBlue Solution which is developed for retail applications (weights and measurements approved) in accordance to the needs of existing petrol stations. The unit can be connected to all possible POS-systems through the dispenser.

This solution, which offers an optimal combination between price and quality, is engineered and built according the highest quality standards, to make sure that your AdBlue keeps its 100% purity.

Product Specifications

- Plug and play
- Bunded storage tank
- Volume 1000L up to 15000L
- Stainless Steel Piping
- DDC-coupling
- Submersible pump up to 40L/min
- Dry run security
- Heating
- Level gauge + indication
- Overfill protection
- Telemetry ATEX (option)
- KiWA (option)
- DIBT (option)
- EX-conformity (option)

Principle:

The housing is built up out of insulated fibreglass reinforced sandwich elements and is divided into 2 compartments:

- Compartment 1 is completely liquid tight and acts as a bund
- Compartment 2 is the technical compartment in which the unit can be serviced and filled up through the side fill.

The dispenser is mounted against the insulated housing on a platform.

Filling up the unit:

The unit is filled up through a side fill compartment in stainless steel.

Advantage:

- Easy to access
- The supplier doesn't have to open the dispenser

The Dry Disconnect Coupling makes sure that all deliveries will occur without leakage and on the other hand the overfill prevention will make sure that an overfill of the unit is impossible.

Connection to Industrial satellite or commercial dispenser:

The unit is completely prepared to connect all types of industrial and commercial dispensers or satellites.

Level indication:

The volume inside the unit is constantly monitored and is shown off on a display.

Piping:

All piping is approved up to 16 bar and is always in Stainless Steel.



VISUALIZE YOUR VOLUMES

Measuring and monitoring in real time is an essential tool in a world of short global communication lines. Therefore Blue1 developed a complete telemetry system which covers hardware, communication and visualization.

ONE PARTNER FOR:

- Hardware
- Communication
- Web based backoffice
- Installation, maintenance and service

NO SOFTWARE INSTALLATION

ONE SIMCARD WITH WORLD COVERAGE

PROVEN TECHNOLOGIE

REAL TIME DATA CONVERTED TO VALUE ADDED INFORMATION

STATE OF THE ART HIGH END BACKOFFICE AND USER INTERFACE



The system enables you to keep track of all the volumes in your AdBlue tanks



Product data specifications Blue1 Compact



Dimensions Platform depending on the type of dispenser.	Volume	Length+platform	Width	Height	Kg
	1000L	2010+1040 mm	860 mm	2 000 mm	450kg
	1500L	2010+1040 mm	860 mm	2.000 mm	500kg
	2000L	2520+1040 mm	860 mm	2.000 mm	640kg
	3000L-S	2.820+1.040 mm	990 mm	2.360 mm	925 kg
	3000L	2.860+1.040 mm	1.170 mm	2.360 mm	925 kg
	4000L	2.860+1.040 mm	1.170 mm	2.360 mm	925 kg
	5000L	3.370+1.040 mm	1.530 mm	2.317 mm	975 kg
	7500L	4.600+1.040 mm	1.530 mm	2.317 mm	1.205 kg
	10000L	5.820+1.040 mm	1.530 mm	2.317 mm	1.475 kg
15000L	9.260+1.040 mm	1.530 mm	2.450 mm	1.875 kg	
Housing	Insulated sandwich panels integrated in fibreglass structure and acts as a bund, colour: standard white Dispenser mounting platform for dispenser				
Tank	Single walled / polyethylene / installed in compartment 1				
Flow rate	Between 30 and 40L/min for trucks or 5t to 10 L/min for cars				
Pump	Submersible pump 1000W				
Heating	Anti freeze heating 1500W-3000W				
Piping	Stainless Steel				
Filling point	DDC coupling - side fill				
Level Sensor	4-20 mA				
Level indicator	Standard - electronic with LCD display				
Overfill protection	Standard				
Telemetry ATEX	Option				
Leak detection	Sensor in banded area to detect leakage of the primary tank or overfill (optional) EX leak detection (optional)				
Power supply	1x230 VAC, 16 A, 3x2,5mm ² , for non hazardous area				
EX conformity	Optional (EX II 3/- G, IIA T3)				

