

OWN CONSUMPTION

Supply kits
+ GK-7Plus controller

User control
Vehicle control
Consumption control
Purchase and stock control





GK-7Plus · GK-7PlusM CONTROLLER

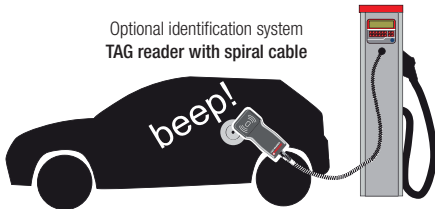


Identification key



Identification key reader

Optional identification system
TAG reader with spiral cable



> **APPLICATION**

- The GK-7Plus and GK-7PlusM controllers have an inner GPRS modem with antenna. They do not need any type of additional communication kit.
- The GK-7PlusM controller has the capacity of controlling up to 16 supply kits in a simultaneous way.
- User and/or vehicle identification through codes and/or identification key
- Supply with or without litre preset
- They are suitable with the DieselPlus software to check the data through the Internet.
- Wireless PC communication · M2M · «On demand» software (SaaS) of control and management
- The kit communicates each supply directly to the Internet.

> **TECHNICAL DATA**

- **Voltage:** 110 or 230 VAC 50 Hz or 12/24 VDC · Built-in filter
- **Frontal:** alphanumeric LCD Display of 4 lines and 20 characters
- **Identification key reader**
Optional: Magnetic or proximity cards
Fixed TAG disc identifier with cable for vehicles
- **Service temperature:** 0 to 40 °C
- **Relative air humidity:** among 20 and 80 %

> **DIFFERENT WAYS OF USE**

The kit allows to define different stages to be adjusted to the customer's requirements:

- **User identification:** It is specially useful for identifying only who is supplying.
- **Vehicle identification:** It is specially useful for identifying and controlling the vehicles and their consumption, without identifying the users.
- **User and vehicle identification:** it is the most complete system offering a high level of security. It is specially useful for installations with a high number of users and/or vehicles, or where the users often change the vehicle.



FEATURES

The supply kit with GK-7Plus · GK-7PlusM controls:

- the supply hour and date
- the users
- the vehicles
- the supplied litres by users and/or vehicles
- The kilometres (milles) (or hours) and the consumption
- Litre stock of the tank

The query and configuration operations can be made from the PC, and it is possible

- to input and delete the users and/or vehicles
- to assign or change the codes or keys of the users and/or vehicles
- to calibrate the kit
- to check the done supplies
- to check and regularize the tank stock
- to export the information to an Excel or .txt (text) format in order to export it to other data base systems or programs;
- to access the information control with permissions for different user profiles.

MULTI-USER

It lets different users input data at the same time.

MULTI-INSTALLATION

It allows to control several installations simultaneously.

AUTOMATIC UPDATES

As it is an online service, the user always has the new version and its update immediately.

SAFE DATA

Any done supply is automatically communicated with the DIESELPLUS servers.

This minimizes the possible data loss risk if there is any breakdown of the controller or the dispenser, or if the user has any problem with their IT equipment.



GK-7Plus · GK-7PlusM MODELS

2 **FORMAT: TOTEM**



mm (approx.) 1,550
305 245

kg 45

1 **FORMAT: METALLIC CABINET**



mm (approx.) 410
550 400

kg 17

Optional Printer

3 **FORMAT: BOX**



Optional Hexagonal pedestal base



Identification key reader



Identification keys



Protection sunshield

- 1 GK-7Plus* + METALLIC CABINET · OWN CONSUMPTION CONTROLLER
- 2 GK-7Plus* + TOTEM · OWN CONSUMPTION CONTROLLER
- 3 GK-7Plus* + BOX · OWN CONSUMPTION CONTROLLER

25133-CF00000
25139-CF00000
25332-CF00000

CONFIGURATION:

*By default: 60-user/vehicle memory, identification key reader (iButton)

USER/VEHICLE MEMORY

- (●) 60-user/vehicle memory
- (+) 130-user/vehicle memory
- (+) 1,000-user/vehicle memory

FE007002
FE007003

(+) **Internal THERMAL TICKET PRINTER** (only for cabinet format)

FE006002

(+) **PROTECTION SUNSHIELD**

FE016001

OPTIONAL IDENTIFICATION SYSTEMS

- (+) Proximity card reader
- (+) Magnetic card reader
- (+) TAG reader with spiral cable

FE017002
FE017003
FE017004

Accessories:

- GK-7 identification key (pack of 10 units)
- Hexagonal pedestal base (height 1 m)
- PC memory key converter
- 500 W ON LINE UPS
- Proximity card
- Magnetic card
- TAG fixed disc identifier for vehicles
- TAG keyring identifier

251201002
800400013
251208003
805001002
803304015
251201004
251201006
251201005

2 **FORMAT: TOTEM**



mm (approx.) 1,550
305 245

kg 45

1 **FORMAT: METALLIC CABINET**



mm (approx.) 410
550 400

kg 17

Optional Printer

3 **FORMAT: BOX**



Identification key reader



IP-65 external display GK-7M adjustable display kit

MULTIHOSE

Kit with exactly the same features and accessories as the above GK-7Plus but with the capacity to control up to 16 dispensers or pumps in a simultaneous way.

- 1 GK-7PlusM* + METALLIC CABINET · OWN CONSUMPTION CONTROLLER
- 2 GK-7PlusM* + TOTEM · OWN CONSUMPTION CONTROLLER
- 3 GK-7PlusM* + BOX · OWN CONSUMPTION CONTROLLER

25280-CF00000
25283-CF00000
25333-CF00000

CONFIGURATION:

*By default: 60-user/vehicle memory, identification key reader (iButton)

USER/VEHICLE MEMORY

- (●) 60-user/vehicle memory
- (+) 130-user/vehicle memory
- (+) 1,000-user/vehicle memory

FE007002
FE007003

MULTIHOSE ACCESSORIES:

- Hose connection module
It must be installed one hose module for each dispenser to be controlled.
- IP-65 external display
- GK-7M adjustable display kit for the interior

252504000
252504006
252504005

► * For the data query through the Internet it is required to acquire a DieselPlus fee.



COMPACT Plus

45-85
l/min

±0.5%



Compact supply kits suitable for the diesel supply, measure and control for own consumption vehicles.

Composed of:

- Chassis made of steel and stainless steel. Brilliant epoxy paint finish with special interior and exterior treatment against corrosion. Weatherproof
- 4 m Ø19 or 25 mm antistatic double layer delivery hose (depending on the pump) special for diesel with adapters in both ends

	Voltage	GK-7Plus Controller	Automatic nozzle	Flow l/min	
■ COMPACT 50Plus-60 230	230 VAC	●	PA-60	40-50	28541-CF00000
■ COMPACT 50Plus-60 12	12 VDC	●	PA-60	35-45	28583-CF00000
■ COMPACT 75Plus-60 230	230 VAC	●	PA-80	65-70	28641-CF00000
■ COMPACT 90Plus-60 12	12 VDC	●	PA-80	70-80	28592-CF00000
■ COMPACT 100Plus-60 230	230 VAC	●	PA-120	75-85	28651-CF00000

CONFIGURATION:

*By default: 60-user/vehicle memory (utton)

USER/VEHICLE MEMORY

- (●) 60-user/vehicle memory · 200 services
- (+) 130-user/vehicle memory · 500 services

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OPTIONAL:

- GK-7 identification key (pack of 10 units)
- Hexagonal pedestal base (height 1 m)
- 60-user annual DIESELPLUS fee
- 130-user annual DIESELPLUS fee

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800400015
670500000
670500100



TOTEM Plus

45-90
l/min

±0.5%



Supply kits with the same features as the COMPACT ones but assembled in a column chassis for their direct fixation to the ground.

Diesel	Voltage	GK-7Plus Controller	Automatic nozzle	Flow l/min	
■ TOTEM 50Plus-60-230	230 VAC	●	PA-60	40-50	27212-CF00000
■ TOTEM 75Plus-60-230	230 VAC	●	PA-80	65-70	27341-CF00000
■ TOTEM 100Plus-60-230	230 VAC	●	PA-120	75-90	27351-CF00000

CONFIGURATION:

*By default: 60-user/vehicle memory, identification key reader (iButton)

USER/VEHICLE MEMORY

- (●) 60-user/vehicle memory · 200 services
- (+) 130-user/vehicle memory · 500 services

FE007002

OPTIONAL:

- GK-7 identification key (pack of 10 units)
- 60-user annual DIESELPLUS fee
- 130-user annual DIESELPLUS fee
- FG-100 microfilter kit (in the TOTEM 50/75/100 inner)

251201002
670500000
670500100
27231





SH Plus

SH Plus



PC connection

SH PlusD



Supply kits with ATEX components, special for installations of diesel, petrol and kerosene supply. It is composed of a high accuracy hydraulic group and the GK-7Plus own consumption controller.

Chassis:

Made of steel. Brilliant epoxy paint finish with a special interior and exterior treatment against corrosion. Weatherproof.

Hydraulic group composed of:

Pump: Self-suction, eccentric of self-adjusting blades with gas separator · Free flow: 70-80 l/min (SH-70Plus or SH-70PlusD) · 130 l/min (SH-130Plus or SH-130PlusD) · recirculation bypass valve, check valve, filter

Meter: made of aluminium of 4 pistons with positive displacement · Accuracy: **0.2%** · 2-channel pulser of 100 pulses per litre and mechanical totalizer

Motor: 1 kW 230/400 VAC · EExd motor with ATEX certificate, triphase, with IP-55 protection; or 1 kW 230 VAC · EExd motor with ATEX certificate, single-phase, with IP-55 protection

SH-130Plus or SH-130PlusD models: 1.5 kW 230/400 VAC · EExd motor with ATEX certificate, triphase, with IP-55 protection

GK-7 own consumption controller

It is supplied with:

- 4 m Ø25 mm double layer diesel delivery hose with 1" adapters in both ends
- 1 or 2 PA-80 automatic nozzles with swivel (SH-70Plus · SH-70PlusD)
- 1 or 2 PA-120 automatic nozzles (SH-130Plus · SH-130PlusD)

SUPPLY KITS WITH GK-7Plus OWN CONSUMPTION CONTROLLER (GPRS)

1 HOSE

SH-70Plus · 130 USERS · 500 SERVICES · TRIPHASE	70-80 l/min	26395-CF00000
SH-70Plus · 130 USERS · 500 SERVICES · SINGLE-PHASE	70-80 l/min	26396-CF00000
SH-130Plus · 130 USERS · 500 SERVICES · TRIPHASE	130 l/min	26455-CF00000

DOUBLE SUPPLY KITS WITH GK-7Plus OWN CONSUMPTION CONTROLLER (GPRS)

2 HOSES

SH-70PlusD · 130 USERS · 500 SERVICES · TRIPHASE	70-80 l/min	26414-CF00000
SH-70PlusD · 130 USERS · 500 SERVICES · SINGLE-PHASE	70-80 l/min	26415-CF00000
SH-130PlusD · 130 USERS · 500 SERVICES · TRIPHASE	130 l/min	26471-CF00000
SH-70/130PlusD · 130 USERS · 500 SERVICES · TRIPHASE	70 + 130 l/min	26484-CF00000

CONFIGURATION:

**By default: 130-user/vehicle memory, identification key reader (iButton)*

USER/VEHICLE MEMORY

- (●) 130-user/vehicle memory · 500 services
- (+) 1,000-user/vehicle memory · 1,000 services
- (+) **PROTECTION SUNSHIELD**

FE007003

FE016001

OPTIONAL IDENTIFICATION SYSTEMS

- (+) Proximity card reader
- (+) Magnetic card reader
- (+) TAG reader with spiral cable

FE017002

FE017003

FE017004

OPTIONAL:

- Flexible suction tube with 2" flange
- 4 m Ø19 mm antistatic unleaded petrol hose with adapters in both ends
- PA-80 · Automatic nozzle for unleaded petrol
- Gas recovery kit for petrol · Phase II
- FG-300/15 microfilter · 15-litre capacity · Microfiltering of 15 µm (micron)
- FG-150 microfilter · 10-litre capacity · Microfiltering of 5 µm (micron)
- 500 W ON LINE UPS
- GK-7 identification key (pack of 10 units)
- Proximity card
- Magnetic card
- TAG fixed disc identifier for vehicles
- TAG keyring identifier

807610002

803406009

47254

268300000

66192

66050

805001002

251201002

803304015

251201004

251201006

251201005

DIESELPLUS FEES - www.dieselplus.net

- 60-user ANNUAL DIESELPLUS FEE	670500000
- 130-user ANNUAL DIESELPLUS FEE	670500100
- 1,000-user ANNUAL DIESELPLUS FEE	670500200
- 60-user 5-year DIESELPLUS FEE	670500300
- 130-user 5-year DIESELPLUS FEE	670500400
- 1,000-user 5-year DIESELPLUS FEE	670500500



It allows:

- consulting the software through the web site www.dieselplus.net
- automatic communications when making the supply
- the query from any PC or smartphone with the Internet connection
- automatic update
- annual fees of the web maintenance
- Safe data - automatic back-up copies
- Multi-user: allowing the use of different users and restricting their access.
- Multi-installation: allowing controlling several installations from the same software.



WWW.DIESELPLUS.NET PC CONTROL

> Total control of: DISPENSER-SUPPLIES-USERS-VEHICLES

> DIESELPLUS.NET is the new generation of On-Demand software (SaaS) for the fleet and supply management.

- As an online service it does not need the application installation and this can be used from any computer connected to the Internet at any time.
- The main DIESELPLUS.net function is to manage vehicle supplies like lorries, coaches, taxis, vehicle fleets and so on, being able to be applied to other type of applications like the supply of water, chemical products or other type of fluids.
- The control tools such as the supply list by vehicles or users allow to know the exact costs of each unit and even if there is any irregular consumption.
- DIESELPLUS also gives different tools to manage the stocks, the suppliers, the vehicles and their maintenance, the users ...
- This software is compatible with any dispenser or supply kit that has built in the GK-7 controller (it is required an adaptation) or GK-7Plus controller.

> FUNCTIONALITIES:

- AUTOMATIC WIRELESS COMMUNICATION!**
The dispensers with GK-7Plus controller are automatically communicated M2M with the DIESELPLUS servers. This communication is automatic without any user.
- MULTISTATION**
One or more users can control different dispensers, which could be placed in different geographical zones and share or not users and vehicles.
- MULTIUSER**
The software can be used by different users at the same time. Each user will be able to access only to the areas that have been previously assigned to them. For example, there may be a user who makes the user and vehicle control, and another one who controls the fuel purchases and stock. For the shared service management (like stock control ...), it can be established a hierarchical level of operators with different privileges and restricted accesses (Administrator, Supervisor, final user ...).
- MULTIACCESS / MULTIINSTALLATION**
All the users who have user name and password can access the DIESELPLUS software from any computer connected to the Internet at any time.

It is allowed to manage the information of many installations from the same operator.

> SAFE DATA

Any supply is communicated with the DIESELPLUS servers in an automatic way. This minimizes the risk of data loss, which could cause the controller/dispenser breakdown or the problems of the end user computing kits.

> REPORTS

It lists reports and statistics for an easy interpretation of the information regarding to the users, vehicles, consumptions...

> AFTER-SALES SERVICE - E-MAIL or PHONE

Direct email for the after-sales service or phone number to solve any doubt or incidence.

> AUTOMATIC UPDATING

The user will always have the last updated program version automatically without making any type of intervention.

> MAXIMUM CONTROL AND INFORMATION

Every installation works in an autonomous way and they are able to control:

- User and vehicles:** Loss reduction and easy detection of irregular consumptions.
- User identification and card:** Complete card of the installation users with their consumption history.
- Vehicle identification and card:** Complete card of the vehicles. Supply control and high consumption alarms.
- Supplies made in the installation:** Management of all the supplies made in the installation registering the hour, the date, the product, the supplied quantity, the user and the vehicle for their control.
- Control of kilometres / milleages,** hours and consumptions
- Installation tanks and products:** Stock control, cost prices and stock valuation.
- Input movements and stock regularization:** Register of the tank inventory and purchase documents as well as the prices and the suppliers.
- Data Export:** All the data are able to be exported in Excel or *.txt files.
- Password:** It is possible to limit the software permissions for each user and only assign the tools they must see or use.

Similar features to the GK-7 SQL software but with the Internet access

Date	User	Vehicle	km/hours	Quantity	Color	Amount	Consumpti
13/03/2012 12:00:00	MOISES BERMUDEZ	GI-4130-BN	150147	640,980		628,16	44,36
12/03/2012 13:06:00	CARLOS BARBOS	0098-CDL	0	28,900		21,94	0,00
11/03/2012 20:13:00	SERGIO GIMENEZ	9863-DSW	233520	345,090		261,92	33,18
11/03/2012 19:12:00	MIGUEL ORTIZ	3421-BVC	23908	42,450		32,22	13,87
10/03/2012 06:23:00	MOISES BERMUDEZ	GI-4130-BN	148702	589,450		447,39	35,04
07/03/2012 15:13:00	SERGIO GIMENEZ	9863-DSW	232480	265,290		201,36	27,32
06/03/2012 16:49:00	MOISES BERMUDEZ	1290-FCB	0	28,980		22,00	0,00
06/03/2012 15:34:00	CARLOS BARBOS	3421-BVC	23602	33,230		25,22	7,27
05/03/2012 12:16:00	MOISES BERMUDEZ	GI-4130-BN	147020	720,320		546,72	53,40
04/03/2012 19:46:00	MOISES BERMUDEZ	1290-FCB	0	25,450		19,32	0,00

Station	Description	Product	Level	Current litres
Balaguer	TANK 1	DIESEL	59,00%	14.714,53
Balaguer	TANK 2	OIL	0,00%	0,00

VEHICLE SERVICES

DIESELPLUS
Passeig dels Encants, 6
28008 Balaguer
Lleida
Nº Factur: A20031104
Tel: 973401022
Fax: 973401000 - email: dieselpus@dieselpus.net

Stations: All stations User group: All Starting date: 01/01/2014
Own station: Balaguer User: All End date: 31/01/2014
Console: All Vehicle group: All Bonus: All
Product: All Vehicle: All

Vehicle registration nr.	Number	Theoretic consumption	% Dev.	Mark	Model	Vehicle group		
9863-DSW	2	30,00	10,00			VEHICULOS GENERAL		
Date	User	km/hours	Station	Console	Product	% Bio	Amount	Both
04/01/2014 16:43:00	CARLOS BARBOS JUAN	231509	Balaguer	CONSOLA1	DIESEL	0,00	320,120	0,00
07/01/2014 15:13:00	SERGIO GIMENEZ SENA	232480	Balaguer	CONSOLA1	DIESEL	0,00	265,290	27,32
11/01/2014 20:13:00	SERGIO GIMENEZ SENA	233520	Balaguer	CONSOLA1	DIESEL	0,00	345,090	33,18
18/01/2014 7:20:00	MIGUEL ORTIZ OSCA	234718	Balaguer	CONSOLA1	DIESEL	0,00	270,980	22,62
Service number:	4						1.291,480	
0998-CDL	4					EMPRESA 1		
Date	User	km/hours	Station	Console	Product	% Bio	Amount	Both
02/01/2014 9:36:00	MOISES BERMUDEZ ROCA		Balaguer	CONSOLA1	DIESEL	0,00	15,450	0,00
12/01/2014 13:06:00	CARLOS BARBOS JUAN		Balaguer	CONSOLA1	DIESEL	0,00	28,900	0,00
22/01/2014 17:41:00	LUIS HERREROS DIEZ		Balaguer	CONSOLA1	DIESEL	0,00	23,530	0,00
Service number:	3						67,880	
1290-FCB	5					EMPRESA 1		
Date	User	km/hours	Station	Console	Product	% Bio	Amount	Both
04/01/2014 19:46:00	MOISES BERMUDEZ ROCA		Balaguer	CONSOLA1	DIESEL	0,00	25,450	0,00
06/01/2014 16:49:00	MOISES BERMUDEZ ROCA		Balaguer	CONSOLA1	DIESEL	0,00	28,980	0,00
23/01/2014 6:56:00	MOISES BERMUDEZ ROCA		Balaguer	CONSOLA1	DIESEL	0,00	28,980	0,00
Service number:	3						83,410	
3421-BVC	12	9,50	10,00			VEHICULOS GENERAL		
Date	User	km/hours	Station	Console	Product	% Bio	Amount	Both
28/05/2014 10:52:08								



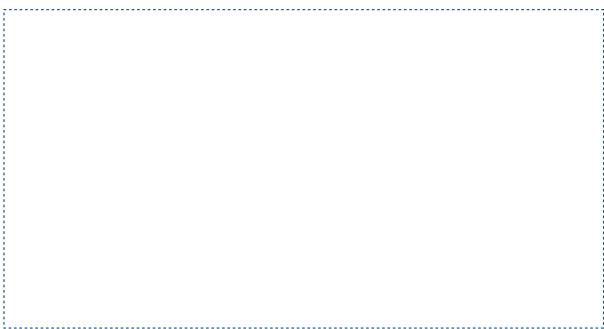
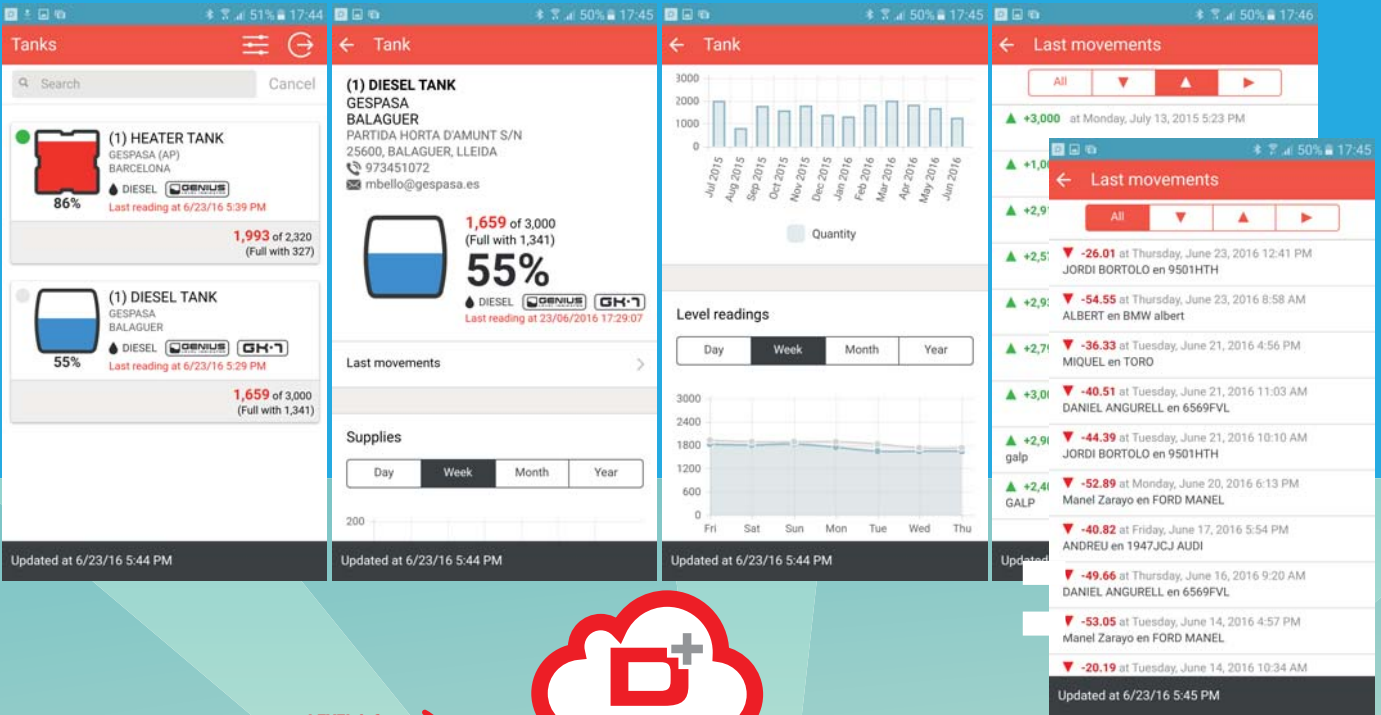
The New DieselPlus App is ready!

DIESELPLUS App
WWW.DIESELPLUS.NET

Download "Dieselplus Tanks" now and test it with your DieselPlus account.



On your smartphone or tablet!
Check the level of your tanks
and the latest supplies of your dispensers.



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