



Petrotec

EURO 4500 VI

STANDARD SPECIFICATIONS

Construction:

Frame: Galvanised carbon steel; double coated painting
Housing: Stainless steel (AISI 316)
Panels: Aluminium; double coated painting

Suction pump:

Monoblock, with gas separator and non-return valve

Meter:

Double-action positive displacement
Volume meter with 4 pistons
Accuracy: $\pm 0,2\%$

Filter:

Stainless steel, reusable, 100 μ m mesh filter easy to clean

Motor:

Flame proof motor single or three phases, 50/60 Hz with built in thermal protection

Calculator:

CEM

Protocols:

Petrotec, EPS3/5, Petrotec HDX 485, IFSF-LON, ER3, G, Pulse Interface, Others

Hose:

5/8", 3/4" or 1" or according to EN 1360 with textile reinforcement

Nozzle:

Automatic nozzle ZVA slimline or others

OPTIONS:

- DISPENSER / SUBMERGE
- 90 OR 130 L/MINUTE FLOW RATE
- SPEED SELECTION (50/90 L/MINUTE)
- SINGLE PHASE SUPPLY
- VOLUME OR PRICE PRESETTING
- SIGHT GLASS
- BREAKAWAY IN THE NOZZLE OR HOSE
- COLOUR HOSES AND SLEEVES
- CUSTOMISED PAINTED PANELS
- CLEANAIR® VAPOURS RECOVERY
- STANDARD ELECTRONIC VAPOUR RECOVERY
- VAPOUR RECOVERY MONITORING SYSTEM
- SATELLITE
- FOUNDATION FRAMES
- MAIN SAFETY SWITCH
- CIRCUIT BREAKERS IN THE EQUIPMENT
- FLEXIBLE PIPE
- LOW TEMPERATURE KIT
- INTERFACES TO OTHER EQUIPMENTS
- MULTIMEDIA OPT
- TAG READER
- VOICE MODULE



RETAIL LINE EURO 4500 VI

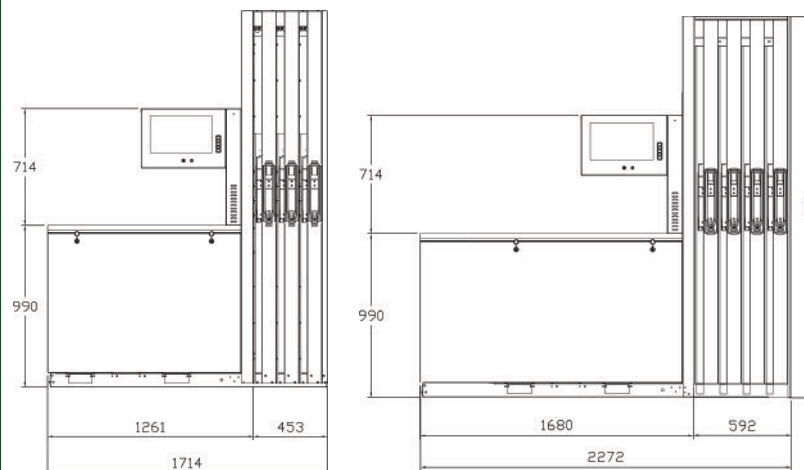
For fuel retail either attended or self-service mode, the new PETROTEC Multiproduct Dispenser EURO 4500 VI series, with the revolutionary CleanAIR® in-pump solution, associates the effectiveness and safety together with the combination of flexibility and precision, in an attractive and lean design, with the space optimization of the pump. Always keeping in mind the reliability, robustness and low maintenance!



C.E.C.O.D.
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Weight:
170kg to 650Kg

Petrotec is continuously improving its products. Changes on the specifications may occur without prior notice.

PETROTEC MARKETING TEAM 2009



Petrotec

Petrotec Group

In one of the most important economy sectors, Petrotec Group is one of its greatest references, due to the fact that it is one of the five largest manufacturers of the world, concerning the equipments to the oil industry distribution and retail, and the only one offering global solutions.

It has achieved its status and prestige on its own with no further than two decades of activity. With more than four hundred co-workers and several branches operating in four continents, Petrotec Group has been standing out not only due to its dynamics in a sector which is known by its high competitiveness, but also by the high satisfaction of its clients.

Petrotec Group is proud of belonging, for more than a decade, to the restrict group of manufacturers whose technology is 100 per cent their own, which reflects the potential of its research and development departments. It is also important to refer that all the activities are certificated according to the ISO 9001 and ISO 14001 standards.

Petrotec Group's current activity consists of fuel and LPG pumps production, research and development of hardware and software solutions, especially conceived or adapted to each client's specific needs, management and control systems in filling stations, car wash equipments, solutions for garages and maintenance services.

The largest petrol companies of the world are some of Petrotec Group's clients, which has brought to it great pride and prestige. The aims are not only to consolidate but mainly to strengthen the already excellent position Petrotec Group occupies in the market. Thus it is trying to enlarge the distribution network as well as to develop partnerships in new markets.

EURO 4500 VI

In a market whose main characteristics are the extreme competitiveness and demand, excellence is not a mere luxury, but an obligation. It was in this context that the new Petrotec EURO 4500 VI series was born.

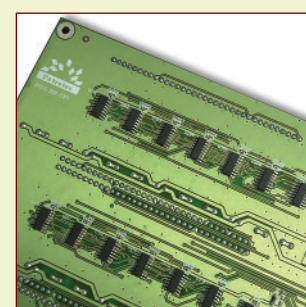
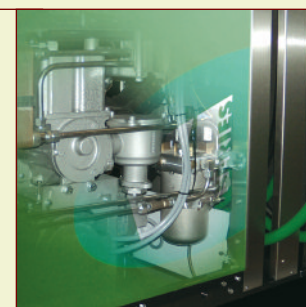
The EURO 4500 VI was developed to be easily adapted to the most revolutionary self-service systems, and it can be integrated in a group where it can coexist with different POS (bank card payment terminals, loyalty card, etc), Multimedia displays, back-office systems, price signs, electronic probes, among others.

The EURO 4500 VI production lies in a modular multiproduct concept, which allows the distribution of up to four types of fuel per refuelling position. The pump controller is highly precise and allows a clear visualization. The hose retraction system is integrated in the pump and provides that the hoses are safely stored after usage. This way the process is more attractive to the customers.

Due to its several characteristics, EURO 4500 VI satisfies both needs from all the Supermarkets Retail Chains as well as all the Major Oil Companies. It was developed to obey the most demanding international standards. Therefore, it has the advantage of being able to operate in any market according to the highest quality and technological standards.

This wide range of characteristics allows EURO 4500 VI series to have a longer life cycle and, consequently, a higher profitability to the business. The internal organs disposition was made aiming the effectiveness, by allowing quick servicing.

However, the highest quality manufacture standards can be also seen on the outside, since the EURO 4500 VI technology is protected by a hermetic stainless steel outer covering, which guarantees its performance against the hardest environmental conditions.



CleanAIR®

The new dispenser EURO 4500 VI incorporates already the most revolutionary vapour recovery system, which not only allows for the recovery of previously lost value in the form of pollution, but also its recycling directly in the pump. The investment return can be achieved in the very short term, resulting in a profitable business for the user. The fantastic combination of Petrotec dispenser with in pump CleanAIR® is, undoubtedly, the best solution for new petrol stations or for retrofitting existing ones, for conformance to Stage II fuel vapour recovery, without additional pipes and expensive site works!

CEM Calculator

The Calculator is the electronic heart of VI series retail line pumps. Due to its modular conception and high industrial technology, it achieves high levels of reliability and flexibility.

The software is conceived on IFSF data model and others, which allows its configuration and usage in every country.

SUCTION PUMP

- Monoblock and high robustness "RTF" model, developed and produced by Petrotec;
- Integrated gas separator;
- Non-return valve integrated in the outlet;
- Bypass adjustable up to 3,5 bar;
- Pump activated by a pulley and Vbelt, temperature and hydro carbonates proof, as well as by a flame proof electric motor;
- Tri-phase or single-phase connection, of 50 or 60 Hz;
- Stainless steel reusable 100µm suction filter;
- Ability to prime, with connection to the mechanical installation in 1 1/2" through a 400mm flexible pipe, or rigid pipes in dispenser case.

METER

- Petrotec Meter, PTF25-80 model, per hose;
- The most reliable and the safest in the market, with decades of experience and high measuring accuracy, of about $\pm 0,2\%$, which is possible only to the 4 pistons meters;
- Positive-displacement meter, which assures, even in high flow rates, a continuous checking through the years.