

# BMP 511 SHARK/LPG & BMP 522 SHARK/LPG

## ELECTRONIC DISPENSERS FOR DISPENSING OF LIQUEFIED PROPANE-BUTANE (LPG)



### BMP 511 SHARK/LPG & BMP 522 SHARK/LPG | BASIC SPECIFICATION

The LPG dispensers TATSUNO BENČ serve for dispensing of liquefied propane-butane (LPG) on filling stations for road vehicles. BMP 511/LPG SHARK dispensers are of one-sided or double-sided, single-hose design and BMP 522/LPG SHARK dispensers are of double-hose design; two cars can be filled simultaneously from both hoses. The LPG dispensers are equipped by the high-quality Japan hydraulic system TATSUNO and by the reliable electronic calculator PDE (Czech Republic). The LPG dispensers are operated both in the manual mode (i.e. off-line), and in the automatic mode, where the fuel dispenser is linked with the kiosk control system and the data concerning volume, sum and price are transmitted to POS. TATSUNO BENČ BG-16 console can be used for fuel dispenser controlling or the fuel dispensers can be connected directly to the filling station control system.



NEW SOPHISTICATED DESIGN



FIBREGLASS COVERS



HYDRAULIC SYSTEM TATSUNO (JAPAN)



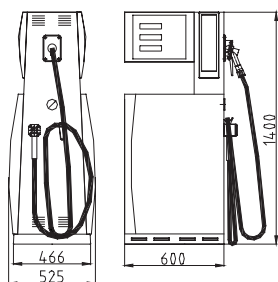
TEMPERATURE CORRECTION



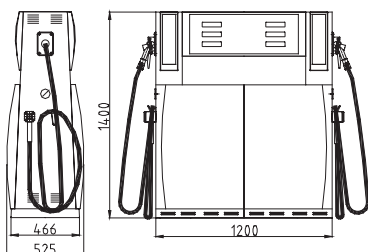
CREDIT MODULE

# ELECTRONIC LPG DISPENSERS TATSUNO BENČ SERIES BMP 500 /LPG

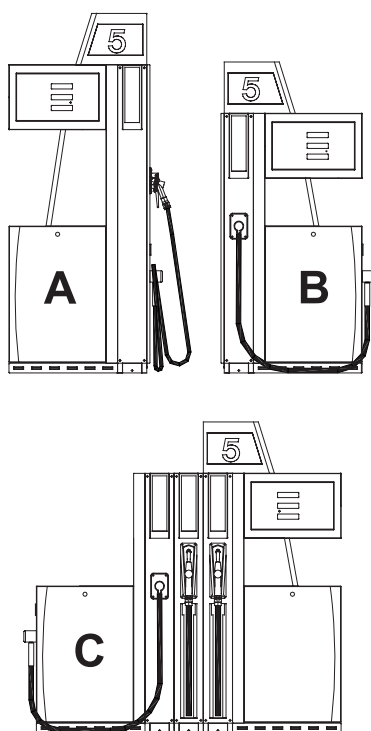
BMP 511.SD/LPG



BMP 522.SD/LPG



LPG MODULES INTEGRATED IN BMP 2000 SHARK DISPENSERS



ONE-SIDED DISPENSERS BMP 500/LPG		
type	products	hoses
BMP 511.SL(R)/LPG	1	1
BMP 522.SL(R)/LPG	2	2

TWO-SIDED DISPENSERS BMP 500/LPG		
type	products	hoses
BMP 511.SD/LPG	1	1
BMP 522.SD/LPG	2	2

## MODEL SPECIFICATION

- Hydraulics – piston meters TATSUNO (Japan)
- Reliable electronic counter
- LCD displays (6-6-6) with controlled LED backlight
- Modern compact design with fibreglass covers
- Two-channels pulse generators TATSUNO (Japan)
- Two types of electronic registers for every dispensing nozzle – non resettable register for litres and daily registers for litres and amount (zero adjustable)
- Non resettable electromechanical litres register for every dispensing nozzle
- Infra-red remote controller for fuel price setting, for electronic registers reading, for user's functions operating and dispensing pump setting
- Dispensing nozzles BREVETTI NETTUNO (Italy)
- Dispensing hoses SEMPERIT or ZVA-ELAFLEX (Germany)
- Manometer
- Sight glasses for fuel flow check (on request)
- Controlling electromagnetic valves for accurate dispensing of preselected amount or fuel volume (on request)
- Four buttons keypads for dispensing according to preselected amount or fuel volume (on request)
- IFSF-LON or IFSF-TCP/IP data communication (on request)
- Automatic Temperature Correction – ATC (on request)
- Various builded credit modules for local credit cards/chips (on request)
- Possibility to integrate LPG module into fuel dispensers series BMP 2000 SHARK (LPG modules A, B and C – see figures)
- Dispensers versions with volume displays only
- Various colour performance – on customer's request

## TECHNICAL SPECIFICATION

pumping output	50 dm <sup>3</sup> .min <sup>-1</sup>
accuracy of pumping	± 0.5% při minimálním odběru 5 dm <sup>3</sup>
maximum operating pressure	1.8 MPa (18 bar)
rated pressure	2.5 MPa (25bar)
measured liquid	kapalný propan-butan
counter power supply	230 V, + 10% - 15%, 50 VA, 50 Hz
power supply for valve switching	230 V, 50 Hz
operating temperature range	-40°C ÷ 50°C