

Specifications SmartLine / SmartMulti



	Suction Pump Type	Submersible Turbine Pump (STP) Type
Flow Rate	normal: 40L/min	Depends on the on-site STP capacity
	high: 80L/min	
	(40L/minute for concurrent refueling)	
Pump	Internal silent gear pump with air separator	
	Suction strainer, Flexible pipe	
	By-pass valve and Suction check valve	
Flexible Pipe	Flange type, 1-1/2" threaded	
Manual Drive Handle	Provided for manual operation	
	during power failure	
Motor	Three-phase 380V 750W (Optional) Single-phase 220-240V 750W	
Meter	4-piston positive displacement flowmeter with electronic adjuster	
Accuracy	±0.2%	
Indicator	LCD (Liquid Crystal Display)	
Character Color	Black characters on a white field with bright LED back light display	
Display	Amount - 7 digits H: 50mm, Unit price - 5 digits H: 23mm, Volume - 7 digits H: 50mm	
Unit Price Setting	by infrared remote control unit or by keypad or by POS setting	
Electronic Totalizer	Fueling volume 10 digits, minimum: 0.001L or 0.01L / money amount 10 digits	
Power Outage Indication	In case of power failure at control sector, refueling operation will automatically stop and indicator will continue display of amount already fueled for approximately 15 minutes.	
Electromagnetic Totalizer	(Optional) Fueling volume 7 digits, minimum 1L	
Reset Device	Automatic reset	
Nozzle	Automatic nozzle, Spout outside diameter 21mm, 25mm	
Joint	Double Swivel Type (Optional) Rotary Type	
Hose	Black color hose, Oil resistance type, Inside diameter 16mm	
Length	5m (Including the length of Nozzle and Safety breakaway coupling)	
Safety Breakaway Coupling	Provided	
Wiring	Cabtyre cable	
Emergency Stop Switch	Provided	
POS Interface	RS-485	
Line Fuel Filter	(Optional) 30μ paper filter	
Anti Static Touch Pad	(Optional)	
Sight Glass	(Optional)	
Receipt Printer	(Optional) Thermal type	
Advertisement Display	(Optional) 10.4" LCD type	



Smart Series
SmartLine / SmartMulti

Pioneering the next generation.

Distributor

SANKO PROGRESS MABIS CORPORATION
TOKYO : Nippon-Building 3F, 2-6-2 Otemachi, Chiyoda-ku, Tokyo 100-0004 Japan
Phone 81-3-6386-3504 Fax 81-3-6386-3522
E-mail bz@sanko-mabis.com URL http://www.sanko-mabis.com

Manufacturer



TOMINAGA MFG. CO.
88 Nishinokyo-Minamiryomachi, Nakagyo-ku, Kyoto 604-8493 Japan
Phone +81-75-801-8143 Fax +81-75-801-0717
E-mail info@kyoto-tmc.co.jp URL http://www.kyoto-tmc.co.jp



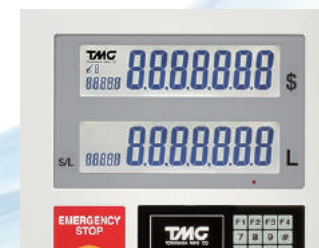


Smart SERIES SmartLine / SmartMulti



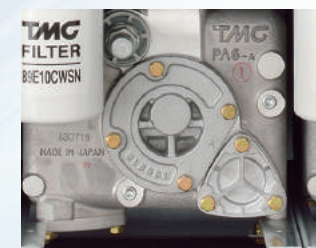
Feature

TMC fuel dispenser will ensure smooth and accurate refueling as well as higher safety and security through wide range of its functions.



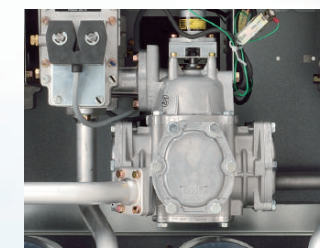
Displays

Easy and clear-to-read indication of characters with high contrast through high intensity LED.



Pumps

Tominaga pump with high performance for smooth and accurate refueling.



Meters

Tominaga meters to ensure accuracy and long service life.



Nozzles

Extremely lightweight nozzle for smooth and multi-directional operation through swivel joint.



Nozzle boots

Ergonomically-designed quick removable configuration



Keypads

Easy-to-press and durable membrane switch type



Emergency Stop Switch

Located at easy-to-press position in an emergency.



Nozzle covers

Five (5) colors are available for each fuel type

Line up

HAXC6263 / HIXC6263

6 nozzles • 2 displays



HAXC6463 / HIXC6463

6 nozzles • 4 displays



HAXC8484 / HIXC8484

8 nozzles • 4 displays



HAXC4442/HIXC4442

4 nozzles • 4 displays



HADC2222/HIDC2222

2 nozzles • 2 displays



HAXC2222/HIXC2222

2 nozzles • 4 displays



HAXC1111/HIXC1111

1 nozzle • 2 displays



HAXC8284 / HIXC8284

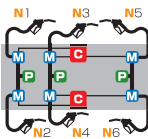
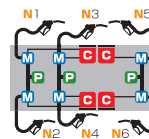
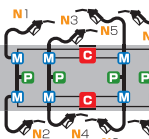
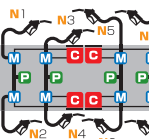
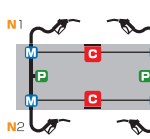
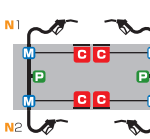
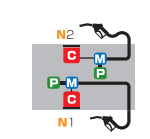
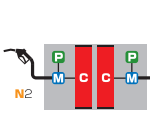
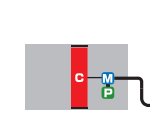
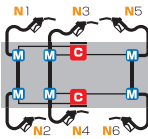
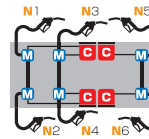
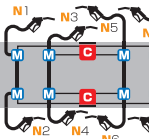
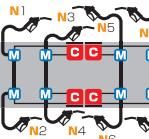
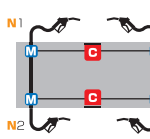
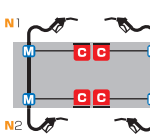
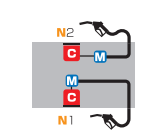
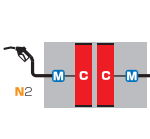
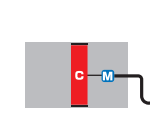
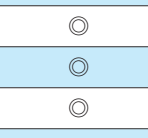
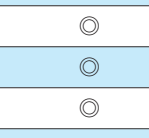
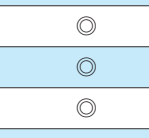
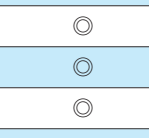
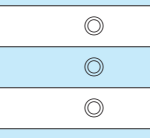
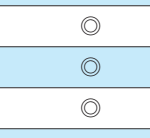
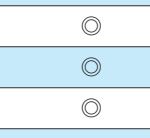
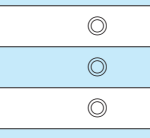
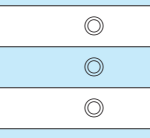
8 nozzles • 2 displays



HAXC4242/HIXC4242

4 nozzles • 2 displays

Certification

		SmartLine							SmartMulti	
Model No.		HAXC6263 / HIXC6263	HAXC6463 / HIXC6463	HAXC8284 / HIXC8284	HAXC8484 / HIXC8484	HAXC4242 / HIXC4242	HAXC4442 / HIXC4442	HADC2222 / HICD2222	HAXC2222 / HIXC2222	HAXC1111 / HIXC1111
External Appearance										
Dimensions		W:1310×D:700×H:2200	W:1310×D:700×H:2200	W:1400×D:700×H:2200	W:1400×D:700×H:2200	W:1310×D:700×H:2200	W:1310×D:700×H:2200	W:960×D:700×H:2200	W:930×D:605×H:2300	W:930×D:605×H:2300
Weight	HA Model	385 kg	390 kg	490 kg	495 kg	320 kg	325 kg	250 kg	260 kg	230 kg
	HI Model	355 kg	360 kg	450 kg	455 kg	300 kg	305 kg	230 kg	240 kg	220 kg
Legend		Suction Pump Type (HA Model)								
System Chart										
										
		Submersible Turbine Pump (STP) Type (HI Model)								
										
Refueling volume Indicator (7 digits)		○	○	○	○	○	○	○	○	○
Money Amount Indicator (7 digits)		○	○	○	○	○	○	○	○	○
Unit Price Indicator		○	○	○	○	○	○	○	○	○
Keypad		○	○	○	○	○	○	○	○	○
Pre-setting Function		○	○	○	○	○	○	○	○	○
Emergency Stop Switch		○	○	○	○	○	○	○	○	○
Receipt Printer		▲	▲	▲	▲	▲	▲	▲	▲	▲
Advertisement Display		▲	▲	▲	▲	▲	▲	▲	▲	▲
Electronic Totalizer		○	○	○	○	○	○	○	○	○
Electromagnetic Totalizer		▲	▲	▲	▲	▲	▲	▲	▲	▲
5 meter of Fuel Dispensing Distance		○	○	○	○	○	○	○	○	○
Sight Glass		▲	▲	▲	▲	▲	▲	▲	▲	▲
Safety Breakaway Coupling		○	○	○	○	○	○	○	○	○
Nozzle		○	○	○	○	○	○	○	○	○
Rotary Joint		▲	▲	▲	▲	▲	▲	▲	▲	▲
Double Swivel Joint		○	○	○	○	○	○	○	○	○
Suction Pump		▲	▲	▲	▲	▲	▲	▲	▲	▲
Submersible Turbine Pump (STP)		▲	▲	▲	▲	▲	▲	▲	▲	▲
Single Phase Motor		▲	▲	▲	▲	▲	▲	▲	▲	▲
Line Filter		▲	▲	▲	▲	▲	▲	▲	▲	▲
Anti Static Touch Pad		▲	▲	▲	▲	▲	▲	▲	▲	▲

Note) ○:Standard, ▲:Optional

Optional



■Anti Static Touch Pad
To erase static charged inside human body if you touch it before start of refueling.



■Advertisement Display
To increase ability to pull in more customers.



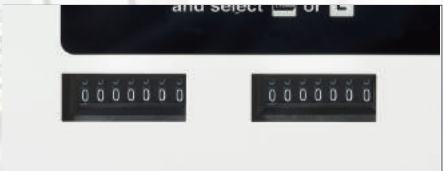
■Line Filter
Line Filter can be added to the standard filter in the pump.



■Sight Glass
To distinguish color or flow of fuel liquid by naked eyes through its window.



■Receipt Printer
Prints clearly with no ink replacement required.



■Electromagnetic Totalizer
Allows confirmation of an accumulated fueling volume for each nozzle at a glance.