

# DEF Supporting Unit



Tank and filling device  
in one equipment

1500L and 900L tanks

Supplies exact amount  
necessary

- Measures and fills NOx reductant (DEF) with high accuracy.
- Underground tank installation not required.
- Considerate to the environment. Disposal of used container not required.
- Possible to install on car fueling island. Unloads and fills DEF at one place.
- Able to fill with only nozzle operation. Employees' burden sharply reduced.

1500L  
Tank



Equivalent of 75 pieces.



Excellent delivery efficiency with its large capacity.

900L  
Tank



Equivalent of 45 pieces.



Cover the operation and delivery efficiency by the installment of multiple units.

## TATSUNO

In Innovation, In Reliable Services

# DEF Supporting Unit has undergone a great evolution from the past units for filling large trucks and buses using SCR system.



## Easy tank installation

Piping not required, easy to use.

## Measuring with an accuracy up to 0.01L

Precise measuring provide high reliability.

## LCD display easily readable at night

Backlight display clearly visible during both day and night .

## Easy unloading

Direct unloading from delivery trucks reduce workload.

## Easy and clear inventory control and delivery arrangement

Check supply with one look. Equipped with sight glass for easy visual check.

## Connection to POS (Optional)

Handle sales management through communication with POS system.

Reducing burden of drivers and operators to its minimum and always keeping DEF quality at its best state. Filling device that maintain vehicle performance in the best state.

## Models and main specifications

Type		1500L Tank		900L Tank	
Model	Japan	GTU1111 (3 phase 200V)	GTW1111 (Single phase 100V)	GUU1111 (3 phase 200V)	GUW1111 (Single phase 100V)
	Overseas	—	GTX1111 (Single phase 100V)	—	GUX1111 (Single phase 100V)
External view					
Hoses		Oil resistant, Weather resistant, Ground wire 3m			
Nozzle		Type II nozzle			
Dimensions (mm)		W1700×H1580×D980		W1150×H1580×D980	
Weight (kg)		330kg (when tank is empty)		265kg (when tank is empty)	
Tank volume (L)		Inner volume: 1500L Tank capacity: 1425L/space volume: 75L (5%)		Inner volume: 900L Tank capacity: 855L/space volume: 45L (5%)	
Power consumption	Control circuit	0.8A (AC100V±10V (50/60Hz))			
	Motor circuit (per motor)	400W motor 2.2A/2.0A AC200V±20V (50/60Hz)	400W motor 8.9A/7.9A AC100V±10V (50/60Hz)	400W motor 2.2A/2.0A AC200V±20V (50/60Hz)	400W motor 8.9A/7.9A AC100V±10V (50/60Hz)

## Common specifications

Flow rate	30L/min	Transmitter	0.01L pulse transmitter
Measurement accuracy	±5/1000	Pump	Motor direct coupled type stainless vortex pump
Display	Price: 6-digit 0.01 to 9999.99L (35mm tall numbers)	Meter	4-piston type positive displacement meter
	Volume: 6-digit 0.01 to 9999.99L (35mm tall numbers)	Motor	400W (3 phase 200V) / 400W (Single phase 100V)
	Unit Price: 4-digit 0.01 to 99.99L (25mm tall numbers)	Hoses	3m
Quantity meter	Electric 10 digits (on the volume display) 99 999 999.99L	Nozzle	Type II Nozzle (single swivel), nozzle pipe Φ19
Management meter	Electric 5 digits (on the volume display) 9 999.9L	Liquid level gauge	Sight Glass
Fuel dispenser counter	Microcomputer electronic counter [Display: LCD, Backlight: LED, Letter color: black]	Unloading inlet	Adaptor (2 inches male)
	*Backup function in case of power failure.	Installation environment	Temperature: -5°C to +40°C
	*Display of the exchange period of expendables. (display of the exchange period of expendables such as hoses, nozzles etc.)		Humidity: Exterior 100% Interior 5% to 95%

## Option

Hose length 4m · 5m (with hose hanger)

POS interface with solenoid valve (POS preset)

\*The conditions of Installation and operation to be depended on local regulations.



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