

SIQURA

# EX WP10

10 litres pressurized water tank in 316L cabinet

## DESCRIPTION

The EX-WP10 is a 10-litre pressurized water tank in combination with an ATEX solenoid valve for hazardous areas. The tank is specially designed for Siqura's EX-FIX and EX-PTZ camera stations with wash/wiper for use in onshore, offshore, marine, and heavy industrial environments. The cabinet protecting the tank is constructed from 316L stainless steel for maximum corrosion protection.

## FEATURES

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Stainless steel 316L cabinet

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Choice of ATEX/IECEX/INMETRO rated valves

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10 litre pressurized tank

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Max. 4 bar up to 30 m delivery height

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Controlled direct by the camera (24 Vac)

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10 m antistatic polyurethane hose included

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## Description

The Siqura EX-WP10 water tank is manually pressurized by a hand-pump. Pressurized up to 4 bar the delivery height is 30 meters, controlled by one of the two 24 Vac ATEX /IECEX rated solenoid valves. The water tank is made from high-grade components, suited for clean water or a mix with plain alcohol. No detergents should be added.

<b>Specifications</b>			
Washer tank	EX-WP10 Ex e (EoL)	EX-WP10 Ex d	EX-WP10 Ex d 24-IN
Certificate	ATEX	ATEX, IECEx	INMETRO
Solenoid certification	II 2G Ex em IIC T4 Gb	II 2G Ex d IIC T6 Gb	II 2G Ex d IIC T4 Gb
	II 2D Ex t ...	II 2D Ex tb ...	II 2D Ex tb ...
	... IIIC T135°C Db IP67 Tamb:-40°C to +60°C	... IIC T135°C Db IP66/67 Tamb:-60°C to +60°C	... IIIC T135°C Db IP66 -40°C to +60°C
Cable entry	Integral strain relief	1/2" NTP	1/2" NTP
	(Cable diameter 7~8,5mm)	(Cable gland not included)	(Cable gland not included)
Power consumption	3.5 VA	5.7 VA	5 VA
<b>Features</b>			
Capacity	10 l		
Maximum delivery height	30 m at 4 bar pressure		
Maximum operating pressure	4 bar		
Washing cycles @ 4 bar	200 to 500 (depends on water level, camera height)		
<b>Electrical</b>			
Supply voltage	24 Vac 50/60 Hz (Control voltage supplied by camera housing)		
Electrical connections	Internal terminal block for control power (solenoid)		
<b>Environmental</b>			
Operating temperature	+4 °C to +60 °C (Clear water)		
	-9°C to 30°C (20% Ethanol)		
<b>Mechanical</b>			
Cabinet material	316L Stainless steel		
Hose material	Black antistatic plastic		
Weight	Empty: 16 kg (35 lbs); Full: 26 kg (57 lbs)		
<b>Ordering information</b>			
EX-WP10 Ex e	10 liters pressurized water tank, 316L cabinet, Ex e (T4) - EoL		
EX-WP10 Ex d	10 liters pressurized water tank, 316L cabinet, Ex d (T6)		
EX-WP10 Ex d-IN	10 liters pressurized water tank, 316L cabinet, Ex d (INMETRO)		
EX-MK WP10	EX-WP10 maintenance kit: filter, 10m hose, nozzle, seals and screws		

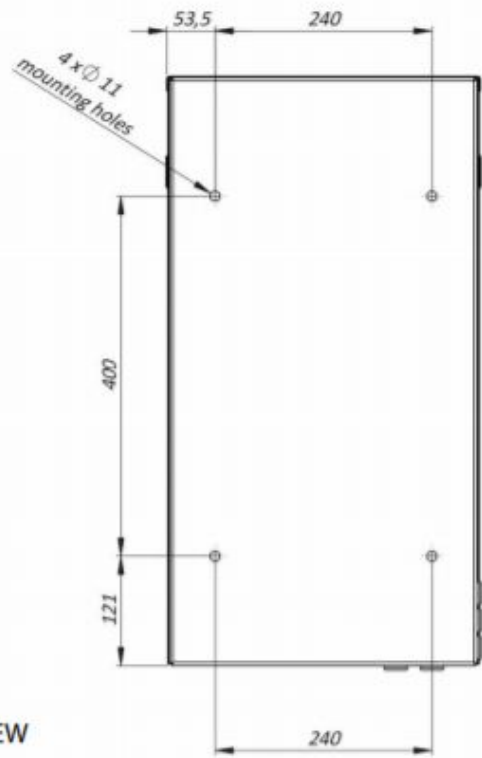
FRONT VIEW



SIDE VIEW



MOUNTING PATTERN



INTERNAL FRONT VIEW

