

Waterproof platform scales with EX certificate



Waterproof platform scales WPT/H EX series are designed for operating in explosive areas and are intended to precisely determine mass of weighed loads in laboratory and industrial conditions.

The indicator and the weighing platform operate in the explosive area. They are powered by intrinsically safe power adapter model ZRi02. The power adapter operates outside the EX zone, it features a diode barrier and it is plugged to mains 230 V. The length of an intrinsically safe power cord connecting the indicator and the power adapter is max 20 meters.

The WPT/H EX series is designed to operate in EX zones 1 and 2 of mixtures of explosive vapours, gasses and fogs with the air, included in the **explosive group IIB** and temperature classes T1, T2, T3 and T4.

- Parts counting
- Checkweighing
- Totalizing
- Peak hold



Waterproof platform scales feature bellow-type mechanical design aiming to protect strain gauge transducer against ambient conditions effect

The waterproof platform scales **WPT/H EX** series are intended to operate in areas with high humidity or with direct contact with water. They feature stainless steel indicator PUE C31/H series with backlit LCD display and 5 function buttons. The indicator is attached to the weighing platform with a stainless steel pillar. Optionally, the indicator is connected through a 3 m long cable and features a bracket for placing on a workbench or mounting on wall.

Scale components are fully made of **stainless steel OH18N9**. Available capacities range from 6kg/2g to 150kg/50g.

Technical data:

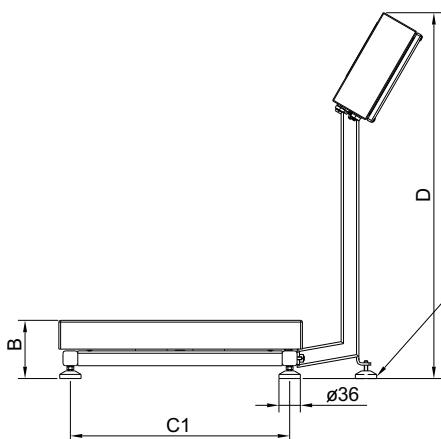
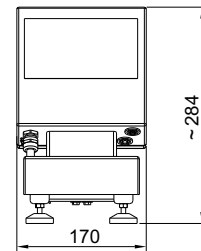
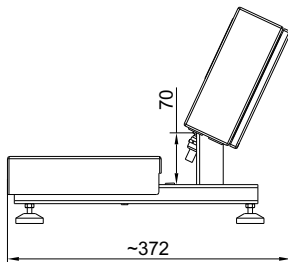
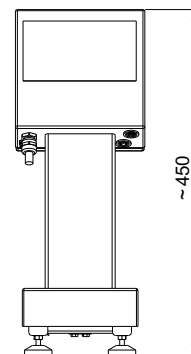
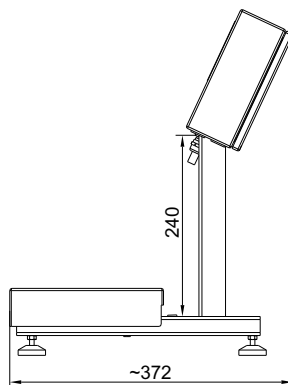
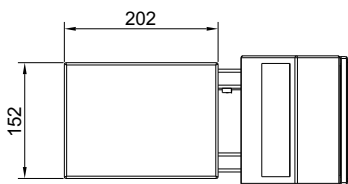
	WPT 3H1/EX	WPT 6H2/EX	WPT 15H2/EX	WPT 15H3/EX	WPT 30H3/EX	WPT 60H3/EX
	WPT 3H1/K/EX	WPT 6H2/K/EX	WPT 15H2/K/EX	WPT 15H3/K/EX	WPT 30H3/K/EX	WPT 60H3/K/EX
Max capacity	3 kg	6 kg	15 kg	15 kg	30 kg	60 kg
Readability	1 g	2 g	5 g	5 g	10 g	20 g
Tare range	-3 kg	-6 kg	-15 kg	-15 kg	-30 kg	
Pan size	150×200 mm	250×300 mm	250×300 mm	410×410 mm	410×410 mm	410×410 mm
Working temperature	-10° - +40 °C					
Compatibility with ATEX	II 2 G IIB T4					
Indicator	PUE C/31H/EX - II 2 G Ex Ib IIC T4					
IP rating	IP 67 - construction, IP 66/67 - indicator					
Power supply	230V or 120V AC - power adapter ZRi02 - II (2) G [Ex ib] IIC					
Display	LCD (backlit)					

Technical data:

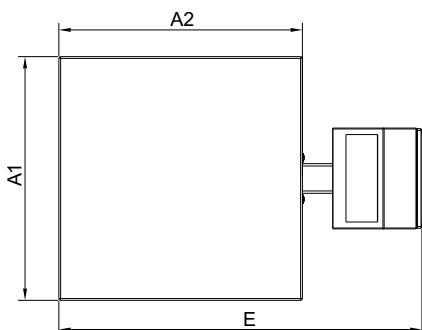
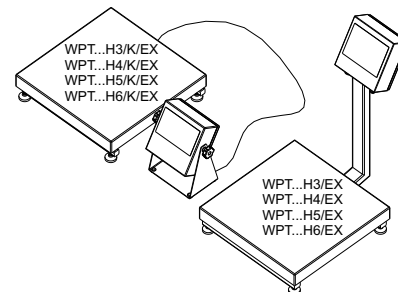
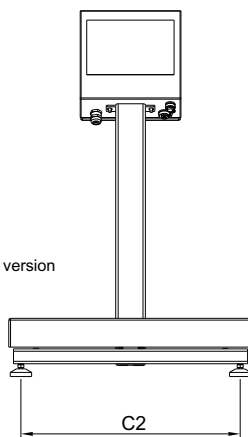
	WPT 150H3/EX	WPT 60H4/EX	WPT150H4/EX	WPT 60H5/EX	WPT 150H5/EX
	WPT 150H3/K/EX	WPT 60H4/K/EX	WPT150H4/K/EX	WPT 60H5/K/EX	WPT 150H5/K/EX
Max capacity	150 kg	60 kg	150 kg	60 kg	150 kg
Readability	50 g	20 g	50 g	20 g	50 g
Tare range	-150 kg	-60 kg	-150 kg	-60 kg	-150 kg
Pan size	410×410 mm	500×500 mm	500×500 mm	600×600 mm	600×600 mm
Working temperature	-10° - +40 °C				
Compatibility with ATEX	II 2 G IIB T4				
Indicator	PUE C/31H/EX - II 2 G Ex Ib IIC T4				
IP rating	IP 67 - construction, IP 66/67 - indicator				
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Display	LCD (backlit)				

Dimensions:

WPT...H1/EX Version



Only for WPT...H2/EX version



Scale version	A1	A2	B	C1	C2	D	E
WPT ...H2/EX	246	306	103 ± 3	268	208	~535	~485
WPT ...H2/K/EX	246	306	103 ± 3	268	208	-	-
WPT ...H3/EX	411	411	98 ± 2	370	370	~617	~613
WPT ...H3/K/EX	411	411	98 ± 2	370	370	-	-
WPT ...H4/EX	500	500	150 ± 5	400	400	~790	~718
WPT ...H4/K/EX	500	500	150 ± 5	400	400	-	-
WPT ...H5/EX	600	600	150 ± 5	500	500	~790	~818
WPT ...H5/K/EX	600	600	150 ± 5	500	500	-	-