

# Signum Ex Supreme, Explosion Proof

Bench Scale



## Approvals



## Part Number/Price

RLWS PN	Minebea PN	Description	Platform Dimensions	Price
<b>Painted</b>				
155866	SIWXSBBP-3-06-H	1.3 × 0.00002 lb (0.62 kg × 0.001 g)	5 in Ø	Consult
155867	SIWXSBBP-3-3-H	6.8 × 0.00002 lb (3.1 kg × 0.01 g)	7.1 × 7.1 in	Consult
155868	SIWXSBBP-3-6-H	13.5 × 0.00002 lb (6.1 kg × 0.01 g)	7.1 × 7.1 in	Consult
155870	SIWXSDCP-3-35-H	75 × 0.0002 lb (35 kg × 0.1 g)	13.7 × 9.7 in	Consult
<b>Stainless</b>				
155871	SIWXSBBP-3-3-H	6.8 × 0.00002 lb (3.1 kg × 0.01 g)	7.1 × 7.1 in	Consult
155872	SIWXSBBP-3-6-H	13.5 × 0.0002 lb (6.1 kg × 0.01 g)	7.1 × 7.1 in	Consult
155873	SIWXSDCS-3-35-H	75 × 0.0002 lb (35 kg × 0.1 g)	13.7 × 9.7 in	Consult

## Options/Accessories

RLWS PN	Minebea PN	Description	Price
46518	YPS02-XUR	Hazardous area power supply - (FM approved for use in the USA) (8 ft. of intrinsic cable and 8 ft. of cable requiring hard wiring by licensed electrician)	Consult
103066	YPS02-XKR	Hazardous area power supply - (CSA approved for use in Canada) (8 ft. of intrinsic cable and 8 ft. of cable requiring hard wiring by a licensed electrician)	Consult
46517	YPS02-ZKR	Safe area power supply (3 ft to wall plug and 65 ft of intrinsically safe cable to the scale)	Consult
103055	YDI05-ZU2	Zener barrier hazardous area RS-232 to RS-232 converter, 14-Pin plug	Consult
103059	YDI05-ZU3	Zener barrier hazardous area RS-422 to RS-232 (requires 6971413, RL 50232, power supply) cable connection not included	Consult
153218	YDH01P	Column for DCP platforms, height 19 in, painted	Consult
155884	YDH02P	Column for BBP platforms, height 15.75 in, painted	Consult
Consult	YDH01CWSUS	Column for DCS platform, height 13 in, stainless steel	Consult
Consult	YDH02CWSUS	Column for DCS platform, height 19.6 in, stainless steel	Consult
Consult	YDH03CWSUS	Column for DCS platform, height 25.5 in, stainless steel	Consult
Consult	YDH02S	Column for BBS platform, height 15.75 in, stainless steel	Consult
103068	YRB02-X	Rechargeable battery (requires 103069 battery charger)	Consult
103069	YRB02-LD	Battery charger (requires power cord)	Consult
103057	YCC422-X	Cable without connectors for RS-422	Consult/ft
102078	6971954	Power cord	Consult

## Standard Features

- Monolithic weighing system
- Resolution up to 620,000 d
- Stainless steel weighing pan
- IECEx/ATEX Zone 1/2/21/22
- FM Class I, II, III; Div. 1; Groups ABCDEFG and T4
- Stainless or painted versions
- Requires YPS02-XUR (RL # 46518)  
US hazardous area or YPS02-ZKR (RL# 46517)  
safe area connection

## Specifications

### Material:

SIWXSBBP, SIWXSDCP:  
Stainless steel display unit, painted platform with stainless steel load plate  
SIWXSBBP, SIWXSDCS:  
Brushed stainless steel

### Net Weight/Gross Weight:

SIWXSBBP, SIWXSBBP: 19.8/23.8 lb (9.0/10.8 kg)  
SIWXSDCP, SIWXSDCS: 33/39.6 lb (15.0/18.0 kg)

### Packaging Dimensions:

(L × W × H)  
SIWXSBBP, SIWXSBBP:  
22.4 × 15.7 × 14.5 in  
(570 × 400 × 370 mm)  
SIWXSDCP, SIWXSDCS:  
20 × 17.3 × 16.1 in  
(510 × 440 × 410 mm)

### Operating Temperature:

SIWXSBBP, SIWXSBBP:  
50 °F to 104 °F  
(10 °C to 40 °C)  
SIWXSDCP, SIWXSDCS:  
14 °F to 104 °F  
(-10 °C to 40 °C)

### Data Interfaces:

RS-232  
Can be switched to RS-485 or RS-422 connection via 14-Pin round socket

### Supply Voltage:

Via external power supply, connection via 14-Pin round socket (20 cm cable)

### Power Supply Hazardous Area:

ATEX: YPSC01-X

### Power Supply Safe Area:

ATEX: YPSC01-Z  
FM/CSA: YPS02-ZKR (PN 46517)

### Battery Operation:

Via external battery YRB02-X (103068) Charger PN 103069

### IP Rating:

IP65  
IP44 Zone 1 ONLY: SIWXSBBP, SIWXSBBP  
1.3 lb (0.6kg)

### Cable Length:

2 m (6.6 ft) between display unit and platform

### Warranty:

Two-year limited

PRECISION INDUSTRIAL WEIGHING