# SCS-PG SERIES STEEL CYLINDER SCALE



SCS-PG series steel cylinder scale adopts double-layer scale body structure, high-strength nylon rollers, OIML C3 load cell and high-precision weighing instrument. It is suitable for highprecision weighing measurement of steel cylinders in various environments.

- The countertop can be made of carbon steel plastic spraying, stainless steel wire drawing, or stainless steel sandblasting, which has strong anti-corrosion ability.
- Alloy steel and stainless steel are optional for load cell material.
- Double-layer scale body, high weighing accuracy.
- Intrinsically safe explosion-proof sensors and junction boxes are optional, and they can be matched with intrinsically safe or flameproof explosion-proof weighing instruments.
- Optional instrument with analog signal output or industrial field bus communication interface whichcan be connect to PLC/DCS.

- Accuracy grade: 1/3000, 1/6000
- Measuring range: 1.5t~3t
- Scale body structure: supported by four sensors
- Scale body material: stainless steel/carbon steel sprayed with plastic
- Operating temperature: -10 ~+40°C
- Protection class: IP67
- Explosion-proof class: (optional) Ex ia IIC T4



Scale Body



Feet



Indicator

| Carbon Steel | Stainless Steel | Size | Range |
|---|---|---|---|
| SCS-0812-PG | SCS-0812S-PG | 800*1200mm | 1.5t/2.0t/3.0t |
| SCS-0812-PG-EX | SCS-0812-PG-EX | 800*1200mm | 1.5t/2.0t/3.0t |
| Note: 1. The above table lists common specifications, for other specifications, please contact us. 2. For explosio-proof products, explosion-proof certificates for sensors and instruments can be provided. | | | |





# JUNCTION BOX

The purpose of the junction box : to combine the signals of multiple sensors on the same weighing platform (tank)



Name: JXH series junction box

Material: 304 stainless steel
Dimensions: 225×178×52mm
Installation dimensions:4-Φ8/160×158mm
Protection level: IP65
Angle difference adjustment range: ±2%
Explosion-proof level: (optional) Ex ia IIC T4

| Model | Features |
|---|---|
| JXH-4C<br>JXH-6C<br>JXH-8C | 4 ports, non-explosion-proof<br>6 ports, non-explosion-proof<br>8 ports, non-explosion-proof |
| Exi-JXH-4CS<br>Exi-JXH-6CS<br>Exi-JXH-6CS | 4 ports, Intrinsic safety<br>6 ports, Intrinsic safety<br>8 ports, Intrinsic safety |



Name: JB series junction box

Material: cast aluminum spray protection grade: IP65
Angle difference adjustment range: ±2%

| Model | Features |
|---|---|
| JB02-4 | 4 ports, size，<br>Dimensions: 135×65×38mm |
| JB06-6<br>JB06-8 | 6 ports, size，<br>Dimensions：250×80×57mm<br>8 ports, size，<br>Dimensions：250×80×57mm |

# INSTRUMENT BOX

| Dustproof instrument box | | | |
|---|---|---|---|
| Model | | Material | Dimensions（Mm） |
| YB01 |  | Alloy steel spray<br>stainless steel (optional) | 400*350*250 |
| YB02 |  | | |

| Explosion-proof instrument box | | | | |
|---|---|---|---|---|
| Model | | Material | Dimensions（Mm） | Explosion-Proof Grade |
| YB03-Ex |  | Alloy steel spray | 400*300*200 | Exd IIB T4 Gb/Ex tD A21 IP65 T130°C |
| YB04-Ex |  | Alloy steel spray | 430*350*220 | Exd IIC T4 Gb/Ex tD A21 IP66 T80°C |