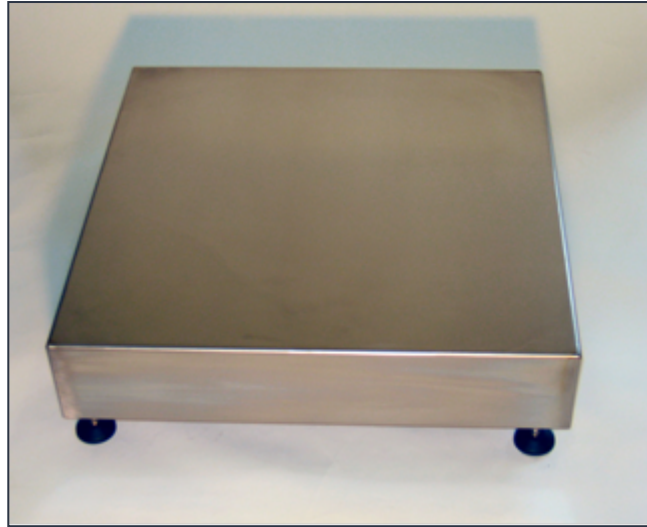




# Procon Engineering

(A Division of National Oilwell Varco UK Limited)



## Type SCP (Single Cell) Platform Scale

**Wide choice of sizes and capacities  
from 3 - 150 kg**

**Positive overload protection at each  
corner preventing load cell damage**

**Hygienic design without crevices**

**EC 'Legal for Trade' even in  
hazardous**

**Mild steel or stainless steel  
construction**

**Removable top cover for cleaning**

**Compatible with full range of  
weight indicators and batch**

**ATEX certified versions for gas and  
dust Ex areas**

### Wide range of applications

The SCP scale with capacity from 3 - 150 kg is a light capacity scale and is suitable for a wide range of applications. The stainless steel versions are particularly suitable for the food and chemical industries

### Instrumentation

The SCP is compatible with the entire range of Procon weighing instruments including intrinsically safe weight indicators for hazardous area applications and instruments for 'legal-for trade' weighing.

### Construction

The SCP is built from robust steel closed sections with continuous welds. A single constant moment load cell is used and the design employs no levers or flexures for maximum reliability. Overload stops at each corner protect the cell from severe off-centre loads. A removable top cover protects the scale from spillages etc.

### Hazardous area use

When the SCP is to be used in areas where there may be a risk of an explosive atmosphere being present, either due to dust or vapour, then an intrinsically safe ATEX certified load cell is available.

### High accuracy

The SCP design is suitable for legal-for-trade weighing with a 3000 divisions approval. For non-trade applications higher resolutions can be specified all with excellent linearity and stability.

# Type SCP (Single Cell) Platform Scale

## Technical Specification Sheet

SPECIFICATION	
<b>Material of manufacture</b>	All Mild Steel Mild Steel bottom work with SS top cover All Stainless Steel 304L as standard 316L as option
<b>Finish (standard)</b>	Mild steel - painted blue RAL 5014 Stainless steel - bead blast
<b>Feet</b>	Four off stainless steel shafts with articulated plastic feet
<b>Load cells</b>	<b>Mild steel models</b> One off aluminium cell, IP66/67 with optional 500 V test certificate <b>Stainless steel models</b> One off stainless steel cell, IP67/68 with optional 500 V test certificate
<b>Optional European Trade Approvals</b>	3000 d EC approval (must be used with approved instrument from the Procon range)
<b>Optional ATEX certification for dust and gas hazards</b>	Zones 1, 2, 21 & 22
<b>Signal Cable</b>	Standard 3 metre lead supplied for connection to digital weight indicator
<b>Instrumentation</b>	Compatible with the entire range of Procon weight indicators and batch controllers

Dimensions and Capacities				
Nominal size (mm)	300 x 300	400 x 400	500 x 500	600 x 600
Capacity (kg)	3	3	-	-
	6	6	-	-
	15	15	15	15
	30	30	30	30
	60	60	60	60
	-	-	150	150

Procon Engineering's policy is one of continuous product enhancement.

We therefore reserve the right to incorporate technical modifications without prior notification. E&OE.

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