



Procon Engineering

(A Division of National Oilwell Varco UK Limited)



Type FCP (Four Cell) Platform Scale

Low height makes for easy loading and unloading

Optional ramp

Can be flush floor mounted with optional pit frame

Choice of materials and finishes including GMP (FDA) finish for pharmaceutical plants

ATEX certified versions for gas and dust Ex areas

EC 'Legal for Trade' even in hazardous areas (with suitable weight indicator)

Compatible with the full range of Procon weight indicators and batch

Four load cell design

Low-profile design

The FCP is a versatile low-profile platform scale. It is ideal for use in various industrial applications where a low loading height is required. As standard the FCP is supplied with a flat loading plate. To prevent ingress from spillages, welded edge plates can be specified as an option. A special pharmaceutical version is available with folded edge deck plate for use in hygienic areas.

Construction

The four load cells are equipped with adjustable feet to allow the scale to be levelled or to match the scale height to other equipment. The top plate is supported on a frame of steel hollow section. Cross members provide rigidity and prevent the top plate deflecting. There is a range of standard sizes to suit most applications but special sizes and features such as IBC guides can be incorporated.

ATEX Directive version for potentially explosive areas

If the area of use is Zoned as hazardous, then the ATEX certified version must be used. This complies with the latest European legislation and is suitable for both dust and gas hazards.

'Legal for Trade' Weighing

Versions can be stamped for 'Legal for Trade' weighing, even within potentially explosive areas.

Type FCP (Four Cell) Platform Scale

Technical Specification Sheet

SPECIFICATION	
Material of manufacture and finish	Mild steel. Paint finish blue to RAL 5014 Stainless steel 304L brush grain 316L brush grain Base frame brush grain finish, welds cleaned and as laid
Pharmaceutical GMP (FDA) finish for stainless steel scales	240 grit or specific μm Ra values can be provided - refer to quotation for details.
Ramp	Optional, one or two ramps can be fitted. Standard slope 1:10
Feet	Adjustable feet <300 kg - 303L stainless steel/rubber >500 kg - food grade rubber
Foot locators	Optional stainless steel plates to be screwed to floor to prevent scale shifting in use.
Levelling	Feet adjustable, level bubble included 'Legal for Trade' scales
Load cells	Mild steel models - four off IP67 alloy steel. Stainless steel models - four off IP68 stainless steel.
Optional European Trade Approvals	<ul style="list-style-type: none"> ▪ 3000 d EC approval ▪ 4000 d EC approval ▪ 6000 d EC approval ▪ 3 x 3000 d multi-range EC approval (must be used with approved instrument from the Procon range)
Optional ATEX certification for dust and gas hazards	Zones 1, 2, 21 & 22
Signal cable	Length supplied to suit application
Instrumentation	Compatible with the entire range of Procon weight indicators and batch controllers.
Special versions	Procon can supply special versions including IBC guides etc.

Dimensions & Capacities				
Capacity (kg)	0-300	500-1500	0-3000	0-6000
Loading height (mm)	85-90/ 82-94	82-94	109-121	150
Platform dimensions (mm) L x W	1000 x 1000 1250 x 1250 1500 x 1500			

Special platform sizes can be supplied to order

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

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

Issue No: 2018-01

Block 4, Units 2 & 3
Vestry Estate
Sevenoaks, Kent, TN14 5EL

Tel: 01732 781300
Fax: 01732 781311
web site: www.proconeng.com

