



<b>Equipment</b>	<b>Horizontal measuring system</b>		
<b>Model</b>	<b>ZCE5-H-150 with electronic register</b>		
<b>4-Multi-function valve – XAD36 with electromechanical control box</b>			
Operating principle	Piston operated by differential pressure with electromechanically controlled inlet circuit.		
Body material	Steel (EN 1.0625)		
Cylinder material	Aluminum (EN AC-42200)		
Piston material	Aluminum with lining (EN AW-5083)		
Retaining spring material	Stainless steel		
Decompression ball - Thermal relief valve	Calibrated at 0.4 bar		
Adjusting screw	For closing time adjustment		
Electrical control box - AC16	Drive shaft controlled by 2 electromagnets allowing operation in low flow rate and high flow rate.		
Electromagnets specifications	220VAC 50Hz, peak inrush intensity: 2A, holding intensity: 1A		
External coating	Acrylic-Epoxy coating RAL5010		
<b>5-Register</b>			
Register type	Electronic register		
Model	Equalis S		
<b>Environmental</b>			
Ambient working temperature	min / max	-25°C, -40°C (option) / +55°C	-13°F, -40°F (option) / +131°F
Storage temperature	min / max	-40°C / +80°C	-40°F / +176°F
<b>Certification</b>			
ATEX	II 2 G c T4 Gb		
European metrology	CE /MID Type examination certificate n°LNE-6184		
International metrology	OIMLR117-1, type compliance certificate n°LNE-24351		
Standards compliance	API, ASME, NATO. See note 1		

Note 1: Contact us for further information about standards compliance.

**SATAM sas****Headquarters & Sales Department**

Paris Nord 2 – Bâtiment Le Gauvain  
47, allée des Impressionnistes – BP85012 – Villepinte  
95931 Roissy CDG Cedex – France  
Tel : +33 (0)1 48 63 02 11 – Fax: +33 (0)1 49 38 41 01  
Email : sales@satam.eu

**Manufacturing facility**

Avenue de Verdun  
14700 Falaise – France  
Tel : +33 (0)2 31 41 41 41  
Fax : +33 (0)2 31 40 75 61

**www.satam.eu**

DS044-Rev00-07/17-Marketing Satam  
Subject to modification without prior notice

<b>Equipment</b>	<b>Horizontal measuring system</b>
<b>Model</b>	<b>ZCE5-H-150 with electronic register</b>

**Dimensions and weight**

Weight: 206 kg  
 Weight is mentioned without electronic register. Please refer to Equalis S data sheet for information about weight of electronic register

**SATAM sas**

**Headquarters & Sales Department**

Paris Nord 2 – Bâtiment Le Gauvain  
 47, allée des Impressionnistes – BP85012 – Villepinte  
 95931 Roissy CDG Cedex – France  
 Tel : +33 (0)1 48 63 02 11 – Fax: +33 (0)1 49 38 41 01  
 Email : sales@satam.eu

**Manufacturing facility**

Avenue de Verdun  
 14700 Falaise – France  
 Tel : +33 (0)2 31 41 41 41  
 Fax : +33 (0)2 31 40 75 61

<b>Equipment</b>	<b>Horizontal measuring system</b>
<b>Model</b>	<b>ZCE5-H-80 with electronic register</b>
<b>Pressure drop chart</b>	
Pressure drop (bar)	ZCE5-H 80 Pressure drop (jet fuel, 20°C)
	Flow rate (m3/h)

**SATAM sas**

**Headquarters & Sales Department**

Paris Nord 2 – Bâtiment Le Gauguin  
47, allée des Impressionnistes – BP85012 – Villepinte  
95931 Roissy CDG Cedex – France  
Tel : +33 (0)1 48 63 02 11 – Fax: +33 (0)1 49 38 41 01  
Email : sales@satam.eu

**Manufacturing facility**

Avenue de Verdun  
14700 Falaise – France  
Tel : +33 (0)2 31 41 41 41  
Fax : +33 (0)2 31 40 75 61

[www.satam.eu](http://www.satam.eu)

DS044-Rev00-07/17-Marketing Satam  
Subject to modification without prior notice