

# ADAM BY PIUSI K150 ATEX MECHANICAL METER DN25 FF 25-150LPM LITRE DISPLAY F00555D00

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## FLUID COMPATIBILITY

**Diesel** **Petrol**

Mechanical flow meter for diesel and petrol. 25-150 L/min range, 4-digit totaliser, 1 inch BSP female inlet/outlet. Aluminium body rated to 28 bar.



## FEATURES

- Made in Italy by Piusi
- Nutating disk for the high precision measurement
- Calibration screw for precision calibration
- Suitable for use in gravity dispensing and pumped dispensing applications

## TECHNICAL SPECIFICATIONS

Flow Rate	20-150 l/min	Operating Pressure	3.5 Bar (50PSI)
Repeatability	0.3%	Precision	± 1%
Inlet and Outlet	DN25 (1") F BSP	Packaging	185mm L x 185mm W x 170mm H
Weight	2.38kg	Body and Cover	Aluminium
Meter Dimensions	172mm L x 151mm W x 130mm H	Nutating Disc Chamber	Technopolymer

## USE CASE & APPLICATION

- Workshop diesel dispensing
- Mobile refuelling bowsers
- Fixed pump installs without mains power
- Farm fuel distribution
- Construction site bulk tanks



FUEL MANAGEMENT SYSTEMS



DISPENSERS



KITS



PUMPS



METERS



NOZZLES

# K150 ATEX



## FEATURES

- HEAVY DUTY CONDITIONS
- HIGH FLOW RATE
- BURSTING PRESSURE 28 BAR
- EASY READING
- 4 FLOW DIRECTIONS
- O-RING SEAT ON THE INLET FLANGE, TO FACILITATE INSTALLATION ON PUMPS

K150 ATEX is expressly engineered to meet the market requirements of a meter suitable for flow rates superior than 120 l/min and that can be used both for fluids such as diesel and biodiesel, as well as in potentially explosives atmosphere; with gasoline for example. K150 is easy to calibrate and ready to use; its aluminium cover and sturdy body make this meter suitable for a wide arrange of application while guaranteeing the same precision and quality that have always featured PIUSI equipment. The mechanical display allows to read quickly the quantity dispensed. It can be installed everywhere thanks to the (optional) 1" BSP flange kit. K150 is certified CE, ATEX/UL and tested in PIUSI laboratories for over 4 milion litres to guarantee the maximum reliability.

## PERFORMANCE

UP TO <b>25-150</b> L/MIN FLOW RATE	<b>3,5 BAR</b> MAX OPERATING PRESSURE
<b>± 1%</b> ACCURACY	<b>0,3%</b> REPEATABILITY



## K150

OUR PRODUCTS COMPLIES WITH THE FOLLOWING MARKING ATEX

<b>II</b> GROUP	<b>2</b> CATEGORY	<b>G</b> TYPE OF EXPLOSIVE ATMOSPHERE	<b>c</b> PROTECTION METHOD	<b>IIB</b> GAS GLASS	<b>T6</b> TEMPERATURE CLASS
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## PACKAGING

CODE	WEIGHT		PACKAGING			BOXES/EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✕	
FO0555AOA	2,38	5,25	185X185X170	7,28X7,28X6,69	1	192	240
FO0555BOA	2,38	5,25	185X185X170	7,28X7,28X6,69	1	192	240
FO0555COA	2,38	5,25	185X185X170	7,28X7,28X6,69	1	192	240
FO0555DOA	2,38	5,25	185X185X170	7,28X7,28X6,69	1	192	240



FILTRATION



TANK MONITORING



HOSE REEL



ACCESSORIES



MERCHANDISE

# PIUSI



ANY BIODIESEL



AIR



ANTIFREEZE



AdBlue®



HVO/XTL



DIESEL



FOOD



GASOLINE



GREASE



KEROSENE



OIL

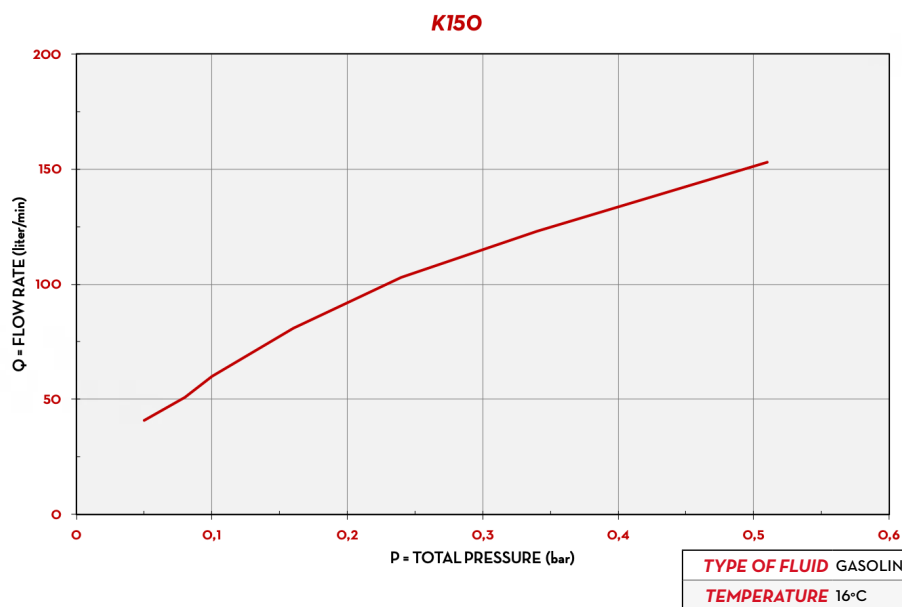


WATER

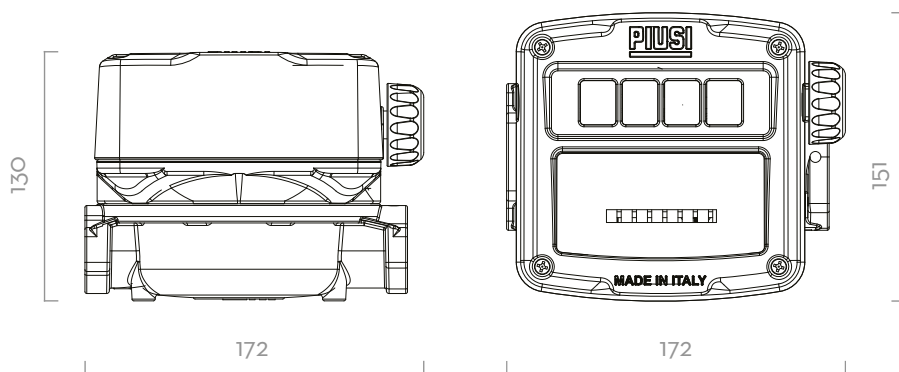


WINDSCREEN

## CHART



## DIMENSIONS

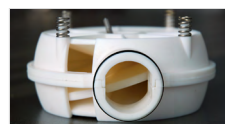


Dimensions expressed in millimeters

## IN THE BOX

- K150 ATEX METER
- INSTRUCTION MANUAL

## DETAILS



NUTATING DISK



4 FLOW DIRECTIONS



ATEX APPROVED



O-RING SEAT ON INLET FLANGE

## MATERIALS

- BODY AND COVER: ALUMINIUM
- NUTATING DISK CHAMBER: TECHNOPYMER

## TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		FLOW DIRECTIONS	PRESSURE		INLET/OUTLET
			L/MIN	GPM		BAR	PSI	
FO0555AOA	(EX) CONTALITRI K150 VER.A EX BLACK	D G K	25-150	6,6-40	←	3,5	50	1" BSP
FO0555BOA	(EX) CONTALITRI K150 VER.B EX BLACK	D G K	25-150	6,6-40	↑	3,5	50	1" BSP
FO0555COA	(EX) CONTALITRI K150 VER.C EX BLACK	D G K	25-150	6,6-40	↓	3,5	50	1" BSP
FO0555DOA	(EX) CONTALITRI K150 VER.D EX BLACK	D G K	25-150	6,6-40	→	3,5	50	1" BSP

COMPATIBLE FLUIDS: DIESEL, KEROSENE, PETROL, PETROL/ALCOHOL MIXTURE (MAX 20%), AVGAS 100/100LL (PUMP AND FLOW METER ONLY), JET A/A1 (PUMP AND FLOW METER ONLY), ASPEN 2/4. VERSION WITH UL APPROVAL FOR ASPEN 2/4 AVAILABLE.