

Compac **KG80** Coriolis Meter



Whether you are filling a car or a bus, the Compac KG80 meter is the ideal solution for all your CNG metering needs.

The KG80 has a wide flow range from 1-80 kg/min means that it is suitable for both high and low flow rate dispensers.

The excellent reliability, high accuracy and zero maintenance requirements, make it the best choice for your CNG dispensing system.

Compac Industries Ltd.

52 Walls Road. Penrose. Auckland 1061. New Zealand.
PO Box 12 417. Penrose. Auckland 1642. New Zealand.

Tel: +64 9 579 2094 Fax: +64 9 579 0635 info@compacngv.com

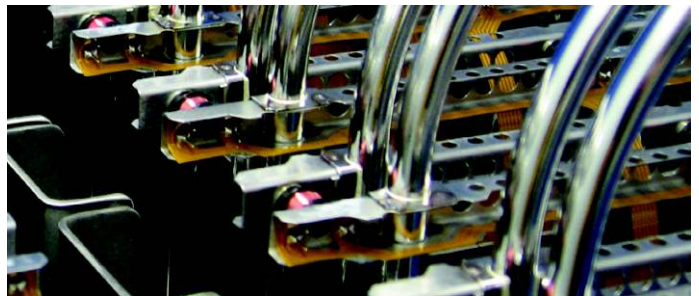
www.compacngv.com

 **compac**
PREMIUM DISPENSER TECHNOLOGY

Compac **Features**

Innovative metering technology from a company committed to CNG

Compac has a long history with CNG and designed their first natural gas meter over 20 years ago. Since then they have continued their commitment to ongoing research and development to ensure they remain at the forefront of dispensing technology.



During the course of a CNG delivery there are rapid variations in pressure, temperature and flow rates as solenoids open and close and the vehicle fills. To ensure the meter is fit for this demanding task, it has been designed for just this purpose and has been developed on CNG - not on water.

The meter is approved to the latest OIML standards for accuracy and is rated for inlet pressures up to 275 bar.

Ongoing Development

Compac is committed to making the best CNG metering system in the world. We are constantly improving the meter through our in-house electronic and mechanical engineering departments. All meter manufacture and testing is done at Compac so we have full control over the final product.

Test Facilities

Compac has a full CNG station on site, with two compressors, priority panel and three banks of storage. In our test bay we have equipment and very accurate scales to prove the accuracy of our meters.

Standard Specifications

Nominal Flow Rate	1-80 Kg/min
Maximum Inlet Pressure	275 Bar (350 Bar Optional)
Accuracy on CNG	To latest OIML Standard
Temperature Range	-25°C to +55°C
Material Specification	All wetted parts Stainless Steel
Weight	~4.1 Kg

Compac Advantages

Compac designs and manufactures both the KG80 meter, as well as the dispenser C4000 Electronic head. This one company solution means the KG80 meter has number of advantages:

No Free Gas - Between the KG80 and the C4000 there is true error checking. This prevents un-metered gas being dispensed.

No Calibration Drift - Compac is the first meter manufacturer to make a meter with absolutely no zero point drift. The KG80 Meter can never lose its zero point and start counting up. This totally eliminates the need for regular site service visits.

Lower Cost - Compac has significant cost advantages due to its total focus on CNG refuelling. Compac does not make a family of process meters with restrictions on using expensive electronics and complicated software. The KG80 Meter is self contained with no external circuit boards, power supplies or other electronics. The KG80 electronics and software is customised for CNG and integrated with the dispenser head - eliminating complicated wiring.

Simple Interface - The integration of the KG80 Meter and C4000 Electronics has led to an extremely simple interface with no need for laptops, special tools or elaborate protocols.

Ease of Service - The KG80 meter is self-characterising and is the easiest CNG Coriolis Meter to setup. All you need to do is plug it in and input the calibration K-factor and you are ready to dispense gas. The KG80 meter is extremely reliable, but if you ever need to replace a meter all you need is a spanner and a hex key - in a matter of minutes you can swap out a meter and be back filling vehicles.

Approvals

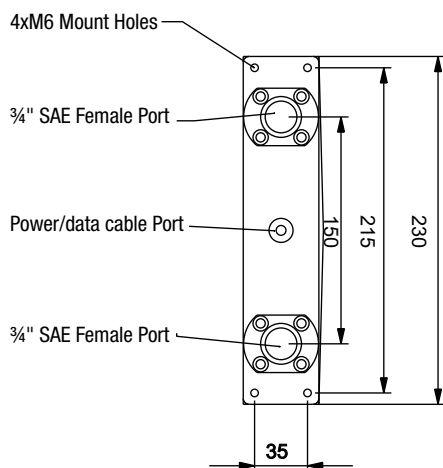
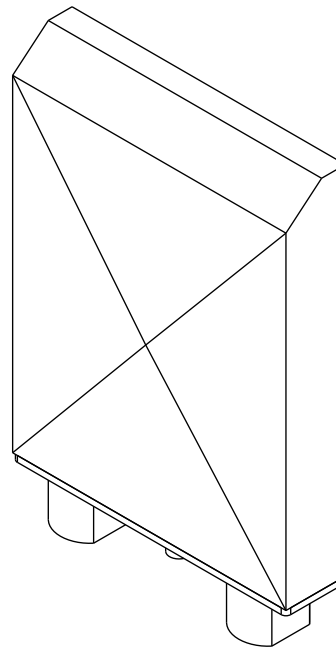
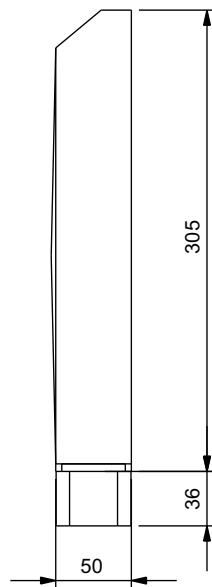
Compac is a company that strongly believes in the importance of having a third party verify and approve all products, and the KG80 meter is no exception. The C4000 dispenser electronics, which includes the KG80 meter, is intrinsically safe and has been approved for Class 1 Zone 1 Hazardous areas.

ATEX Baseefa03ATEX063X (England)

SA AUS Ex 3595X (Australia)

OIML NMI 12/1/8 (Australia)

KG80 Dimensions



YOUR LOCAL DISTRIBUTOR



Compac Industries Ltd.

52 Walls Road. Penrose. Auckland 1061. New Zealand.
PO Box 12 417. Penrose. Auckland 1642. New Zealand.

Tel: +64 9 579 2094 Fax: +64 9 579 0635 info@compacngv.com

www.compacngv.com

