

EU Type Examination Certificate Number: **UK/ 0120/ SGS0273**

Landis + Gyr Ltd

Orion Business Park
Bird Hall Lane
Stockport
SK3 0RT

Instrument Identification:
G450 790 E060713 70

**Integrated E6 gas meter without secondary hardware encryption but
with an internal cut-off valve, pressure fluctuation support, 169MHz
DLMS radio transceiver, temperature compensation**

Instrument Traceable Number
UK/ 0120/ SGS0273

Directive 2014/32/EU **on Measuring Instruments Annex II Module B**

It is certified that the manufacturer's technical design and specimen for the above instrument has been examined and, based on the evidence submitted, it is considered that the instrument conforms to the requirements of Annex IV of Directive 2014/32/EU.

This certificate is to be used in conjunction with a certificate covering the product verification as required in Annex II Module D or Annex II Module F

This certificate is valid for 10 years from 25th May 2017 until 24th May 2027

Issue 1
Certification is based on report number(s) **UK/0120/SGS0273Ra** dated 25th May 2017

Notified Body Number 0120

Authorised Signature



CE
0120

Notified Body
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EU Type Examination Cert.



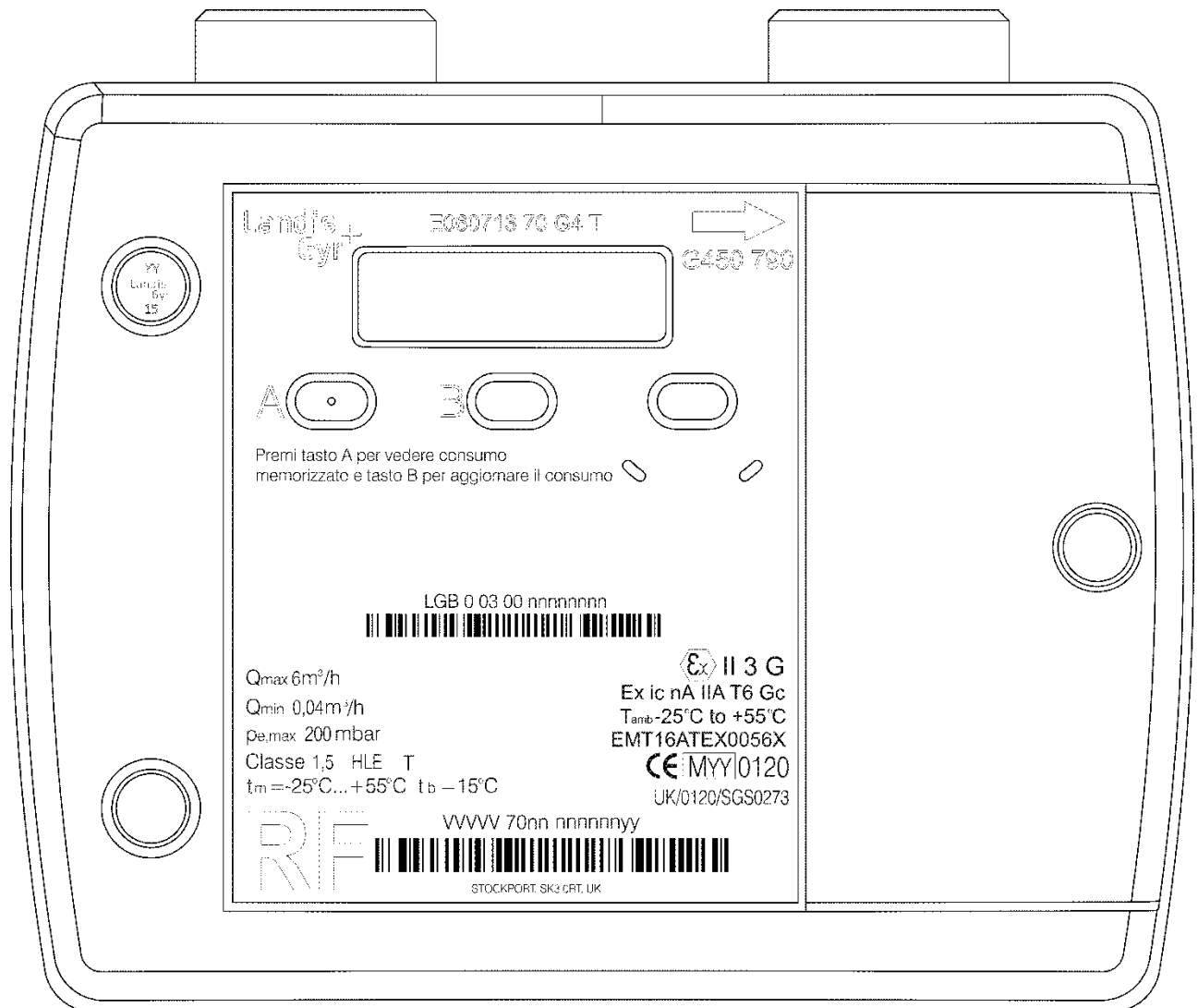
UK/ 0120/ SGS0273
25th May 2017
Issue 1

Approval Annex for EU Type Examination Cert. No. UK/ 0120/ SGS0273

Manufacturer	:	Landis + Gyr Ltd	
Type of Meter(s)	:	G450 790 E060713 70	
Description of Meter	:	Integrated E6 gas meter without secondary hardware encryption but with an internal cut-off valve, pressure fluctuation support, 169MHz DLMS radio transceiver, temperature compensation.	
Accuracy Class (es)	:	1.5	Software Version No : V50.03
Bill Of Materials No	:	P000329750C	Boss Type : G1¼ ISO 228-1 class B
Meter Build No	:	70	Sealing Type : Plastic laser etched seal Location : 1 x Front of meter
Integrity of Meter	:	Inaccessible without breaking seals	Temperature Range : -25°C to +55°C Base Temperature : 15 °C
Range of Gases	:	Second Family	Maximum Operating Pressure : 200 mbar
Flow Range	:	Qmax 6.0m ³ /h Qmin 0.040m ³ /h	Orientation : Connection ports vertical and horizontal

Artwork of front of meter

G450 790 E060713 70 Integrated Gas Meter showing extended ambient temperature range of -25°C to 55°C and base gas temperature t_b of 15°C



Photograph of Meter (External View)

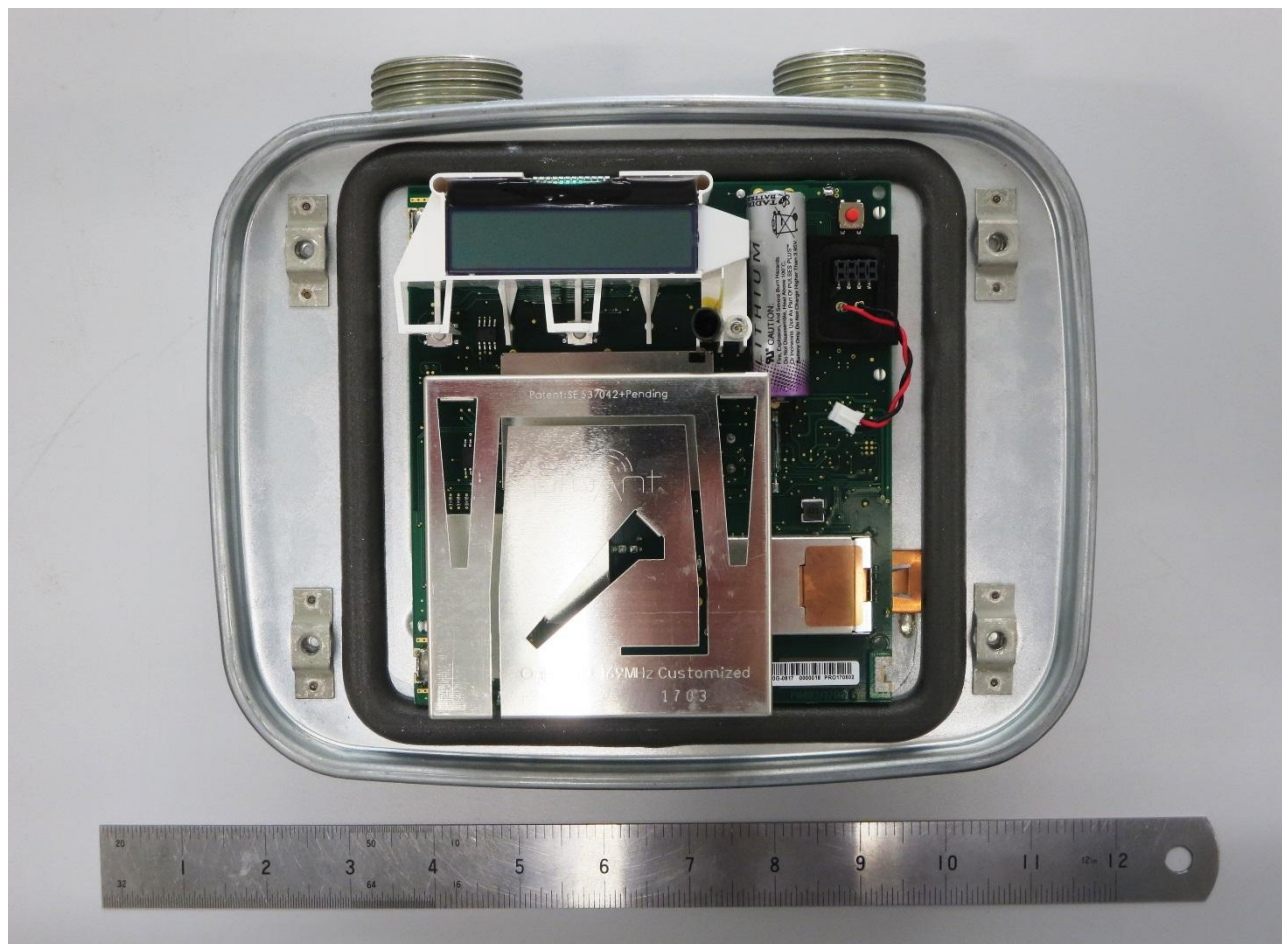
G450 790 E060713 70 Integrated Gas Meter with direction of flow clearly marked



Photograph of G450 790 E060713 70 Phase 2 Meter without Battery Cover Fitted



Photograph of Meter Showing PCB





UK/ 0120/ SGS0273
25th May 2017
Issue 1

Landis + Gyr Smart Gas Meter G450 Type Designation

Meter
G450

Communication media
7 DLMS

Comms Variant
9 169 MHz DLMS

Functionality / version
0 EURO METER

Meter Type
E Ultrasonic gas meter

Flow Capacity
06 6 m³/hr

Hardware / Firmware build options
07 without secondary hardware encryption, with internal cut-off valve, temperature compensated billing register, and UNI Draft E.01.16.926.0 - Annex D pressure fluctuation support

Boss spacing
1 110 mm

Boss type
3 G1¼ ISO 228-1 class B

Meter Build standard approval number
70 ASIC generation 4, Piccolo tube



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Document Revision History

Issue	Date	Comments
1	25/05/2017	Initial Issue