



# Landis & Gyr Ultraheat UK50 (T550)

This heat meter, when used with the sub-assemblies and configured as detailed below, has been independently verified by Kiwa as suitably compliant with the Measuring Instruments Directive for the purposes of claiming the Renewable Heat Incentive.

**Manufacturer:**  
Landis & Gyr

**MID Class:**  
Class 2

**Location of flow sensor**  
Flow or Return

**Heat conveying liquid**  
Water

**Minimum pipe size**  
15mm

**Maximum pipe size**  
100mm

## Contact Information

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## Meter Subassemblies

Part number	Pipe size	Max flow rate $q_s$ (m <sup>3</sup> /h)	Nominal flow rate $q_D$ (m <sup>3</sup> /h)	Min flow rate $q_i$ (m <sup>3</sup> /h)	Max temp $\theta_{max}$ (°C)	Min temp $\theta_{min}$ (°C)	Min temp diff $\Delta\theta_{max}$ (°C)
4101540	15 mm	3	1.5	0.01	130	10	3
4102042	20 mm	5	2.5	0.02	130	10	3
4102540	25 mm	7	3.5	0.03	130	10	3
4102545	25 mm	12	6	0.06	130	10	3
4104040	40 mm	20	10	0.1	130	10	3
4105040	50 mm	30	15	0.15	130	10	3
4106540	65 mm	50	25	0.25	130	10	3
4108040	80 mm	80	40	0.4	130	10	3
4110040	100 mm	120	60	0.6	130	10	3

## Additional Notes

The UH50 comes in a variety of configurations including various communication outputs and option cards (which can be retro fitted), sensor lead lengths and mounting options.

Options include:



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- Pulse in/out
- M-BUS
- Current loop
- Analogue
- Radio

The exact requirements/type would be confirmed at enquiry stage to ensure that the correct meter and options are specified.