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January 11, 2016

## Proprietary Certificate

We, Biometra GmbH, Germany hereby certify that the "T ADVANCED 96 SG for 96 tubes (0.2 ml), (Part No. 846-2-070-241)" is a Proprietary Product of Biometra.

The Proprietary Features of this product are as follows:

- High-end version featuring a 96-well silver block is available with highest Accuracy: Because silver conducts heat so well, this block adapts to temperature changes very quickly, maximizing speed and achieving outstanding temperature uniformity. The surface of the valuable silver block is coated with a layer of gold to protect it from corrosion. The ingenious temperature control system incorporated into our RAC (Ramping - Accuracy - Control) technology maximizes experimental reproducibility. Max. heating rate 8.0 °C/sec & Average Heating rate 7.0 °C/sec. is highest in the segment.
- Excellent control accuracy of +/- 0.1 °C and temperature uniformity of ± 0.15 °C after 15 sec at 55 °C
- Unrestricted Temperature Gradient Range with Max. Temperature gradient span of 40 °C.
- Gradient temperature range : 4 °C to 99 °C
- Superior ramp rates of 8.0 °C / sec (Maximum for Heating) with Avg. Heating Rate of 7.0 °C / sec. is highest in the segment.
- High-Performance Smart Lid (HPSL) The heated lid of the Biometra TAdvanced is equipped with hpsl technology. An integrated slip clutch always maintains constant contact pressure, regardless of the shape and height of the plastic ware. This optimizes the contact between the sample block well and the walls of the plastic ware, resulting in reproducible conditions.
- Intelligent Linear Gradient Tool (LGT) - The linear Gradient Tool enables programming of a temperature gradient with defined temperature intervals (increment) between the individual rows of the sample block. it allows the user to enter the calculated Tm value minus
- Spread sheet plus graphical programming modes. All program steps are entered in a single screen, thus avoiding endless serial program windows.

Best regards  
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