

# smiths medical

## level 1<sup>®</sup>

### USAGE TEST RESULT OF SNUGGLE WARM<sup>®</sup> BLANKETS WITH COMPETITIVE WARMERS

Subjects	Name	Model	Temp Setting
Competitive Warmers	Bair Hugger™	505	32, 38, 43 °C
	Bair Hugger™	750	32, 38, 43 °C
	Bair Hugger™	775	32, 38, 43 °C
	Warm Touch <sup>®</sup>	WT-5900 (Equivalent to 5200, 5300 in Japan)	32, 38, 43, 45 °C
	TSCI Mistral-Air <sup>®</sup>	MA1100	32, 38, 43 °C
	Codes	Spec	Samples
Snuggle Warm <sup>®</sup> Blankets	SW-2001 (Current SWU-2001)	Adult Full Body Blanket	13
	SW-2004 (Current SWU-2004)	Lower Body Blanket	13
	SW-2010 (Current SWU-2010)	Small Upper Body Blanket	13

Above 3 blankets were connected to each temperature setting of each device to measure the temperature.

#### Test Results (Stabilized temperature)

Competitive Warmer	Specified Temp.	Acceptance criteria	Average Measured Temp Output °C	Pass/Fail
Bair Hugger™ 775 Low speed	@ 43 °C	41.5 °C - 44.5 °C	44.23	Pass
	@ 38 °C	36.5 °C - 39.5 °C	38.31	Pass
	@ 32 °C	31.5 °C - 33.5 °C	32.28	Pass
Bair Hugger™ 775 High speed	@ 43 °C	41.5 °C - 44.5 °C	43.87	Pass
	@ 38 °C	36.5 °C - 39.5 °C	37.68	Pass
	@ 32 °C	31.5 °C - 33.5 °C	31.81	Pass
Bair Hugger™ 750	@ 43 °C	41.5 °C - 44.5 °C	43.79	Pass
	@ 38 °C	36.5 °C - 39.5 °C	38.37	Pass
	@ 32 °C	31.5 °C - 33.5 °C	32.19	Pass
Bair Hugger™ 505	@ 43 °C	40.0 °C - 46.0 °C	45.36	Pass
	@ 38 °C	35.0 °C - 41.0 °C	38.49	Pass
	@ 32 °C	29.0 °C - 35.0 °C	32.30	Pass
Warm Touch <sup>®</sup> 5900 (Equivalent to 5200, 5300 in Japan)	@ 45 °C	44.0 °C - 46.0 °C	45.13	Pass
	@ 43 °C	41.0 °C - 45.0 °C	43.01	Pass
	@ 38 °C	36.0 °C - 40.0 °C	37.77	Pass
	@ 32 °C	30.0 °C - 34.0 °C	31.60	Pass
Mistral Air <sup>®</sup>	@ 43 °C	41.5 °C - 44.5 °C	43.72	Pass
	@ 38 °C	36.5 °C - 39.5 °C	38.14	Pass
	@ 32 °C	31.5 °C - 33.5 °C	32.44	Pass

- Temperatures were measured at 1, 4, 8 hours after the start at each combination.<sup>1</sup> Maximum temperature did not exceed 48 degrees and average temperature did not exceed 46 degrees in any settings.<sup>2</sup>
- Blowers have never been put in a condition to alert users in any settings.

1 Only the stabilized temperature was measured with Warm Touch<sup>®</sup> 5900 at 45 °C as it is designed not to last more than 45 minutes.

2 Blanket temperature criteria set by IEC 80601-2-35:2009 Part 2-35.

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