

# A Flexible and Wearable Human Stress Monitoring Patch

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Table S1 Time to reach the saturation temperature of the electrode by the skin temperature and external temperature.

External temperature  Skin temperature	0 °C	10 °C	20 °C	30 °C
	30.0 °C	22.0 msec	21.5 msec	21.0 msec
32.5 °C	33.0 msec	31.0 msec	29.5 msec	28.5 msec
35.0 °C	41.0 msec	39.5 msec	38.0 msec	36.0 msec
37.5 °C	47.5 msec	45.5 msec	43.5 msec	41.5 msec
40.0 °C	52.5 msec	50.5 msec	48.5 msec	46.5 msec

Table S2 Electrode's saturation temperature by the skin temperature and the external temperature.

External temperature \ Skin temperature	0 °C	10 °C	20 °C	30 °C
30.0 °C	30.0 °C	30.0 °C	30.0 °C	30.0 °C
32.5 °C	32.5 °C	32.5 °C	32.5 °C	32.5 °C
35.0 °C	35.0 °C	35.0 °C	35.0 °C	35.0 °C
37.5 °C	37.5 °C	37.5 °C	37.5 °C	37.5 °C
40.0 °C	40.0 °C	40.0 °C	40.0 °C	40.0 °C

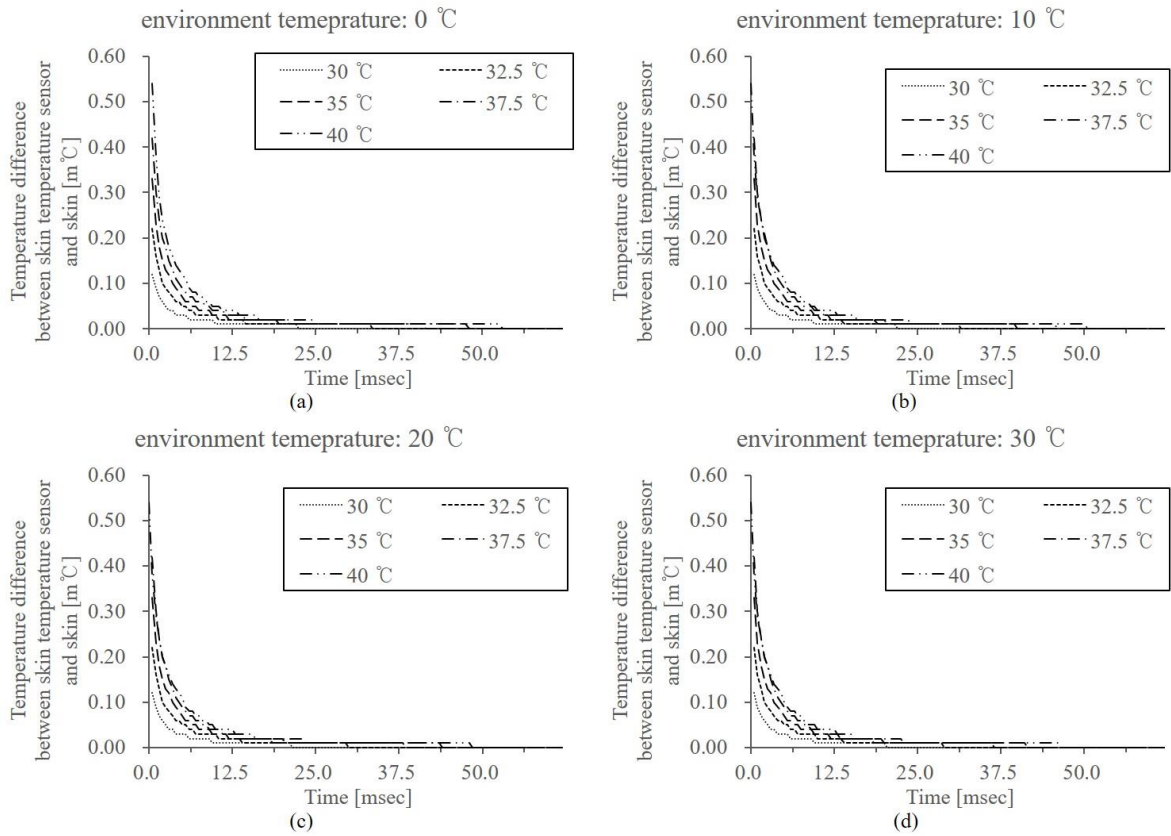


Figure S1 Time response of the temperature difference between the skin and the electrode at external temperature of (a) 0 °C; (b) 10 °C; (c) 20 °C; (d) 30 °C.