

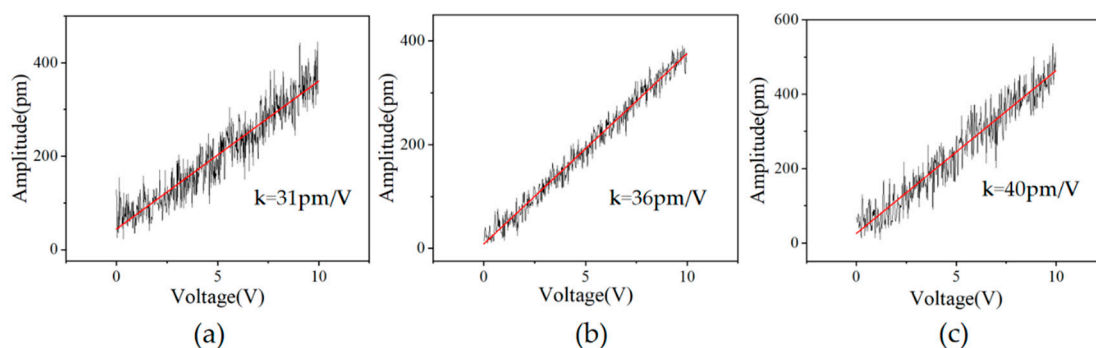
# Supplementary Materials

## Flexible Film Bulk Acoustic Resonator based on Low-porosity $\beta$ -phase P(VDF-TrFE) Film for Human Vital Signs Monitoring

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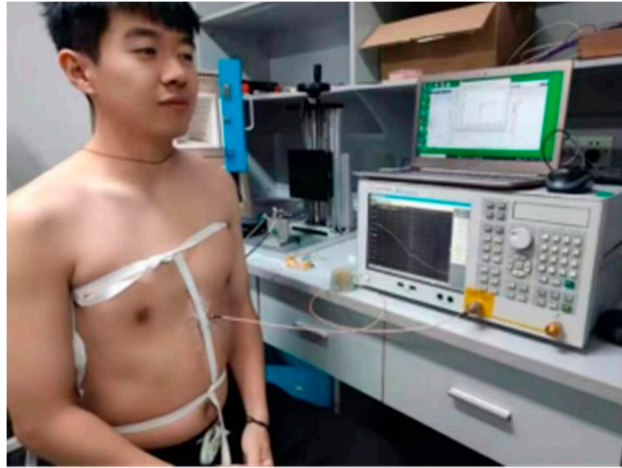
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**Figure S1.** The amplitude vs voltage curves of three other PFM testing points on the PVDF-TrFE film.



**Figure S2.** Device stretchability test setup.



**Figure S3.** Image of the test system setup.