



## 主動式按壓脈搏量測裝置

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簡歷：<http://aprilabntu.wixsite.com/website>

**市場及需求：**本裝置可應用於醫療產業，提供中醫師一種較為簡單、並可快速且準確地量測出病人的脈搏訊號的輔助用醫療檢測產品，以輔助醫師更加正確地判斷病人病理。

**技術摘要(含成果)：**中醫師將裝置放置於病人手腕脈博處，並用手指按壓於裝置上，利用壓力感測器讀取按壓壓力克數於伏、中、沉取範圍中，再藉由壓電感測器量測手腕上脈位之脈搏跳動狀態，存取訊號數據並作為病徵分析之依據。

**優勢：**本裝置有快速、簡易的操作方式，且可精確地量測脈壓訊號等特性。

**競爭產品：**心律大師

**專利現況：**

(1) 專利申請中。

**聯絡方式(請不用填)：**

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## ACTIVE PRESSING PULSE MEASURING DEVICE

**PI :** Chen, Shiang-Fong

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**Experience:** <http://aprilabntu.wixsite.com/website>

**Market Needs:** This device can be used in the medical industry to provide a simple, fast and accurate measurement of the patients' pulse signals to assist traditional Chinese medicine doctors in determining patients' conditions.

**Our Technology:** Chinese medicine doctors put the device on the patients' pulse locations on the wrists and press on the device using a finger. The pressure sensor of the device detects the amount of pressures in the ranges of light touch, moderate touch, and heavy touch. The piezo film sensor measures the pulse signals and stores the signals for symptom analysis.

**Strength:** Fast, easy operation, and accurate measurement of pulse signals.

**Competing Products:** ANS Watch

**Intellectual Properties:** Patent is pending.

**Contact (do not need to fill out):**

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