

# Measurement unit

## Radiation equipment

- Radiation sensor board (79€)  
<https://www.cooking-hacks.com/radiation-sensor-board-for-arduino>
- Geiger tube (40€)  
<https://www.cooking-hacks.com/geiger-tube>

## Mainboard

- Raspberry Pi 3 (35.99GBP)  
<http://www.maplin.co.uk/p/raspberry-pi-3-model-b-64-bit-quad-core-1gb-mainboard-n45ee>
- 16 GB Micro SD (5 GBP)  
[https://www.amazon.co.uk/SanDisk-Android-microSDHC-Frustration-Packaging/dp/B013UDL5V6/ref=sr\\_1\\_4?ie=UTF8&qid=1469201868&sr=8-4&keywords=16GB+micro+sd](https://www.amazon.co.uk/SanDisk-Android-microSDHC-Frustration-Packaging/dp/B013UDL5V6/ref=sr_1_4?ie=UTF8&qid=1469201868&sr=8-4&keywords=16GB+micro+sd)
- Power Adapter (8.99 GBP)  
<http://www.maplin.co.uk/p/raspberry-pi-3-power-supply-ukeurousaaus-n30ef>

## Shield

- Arduino Shield for Raspberry Pi (40€)  
[www.cooking-hacks.com/index.php/raspberry-pi-to-arduino-shield-connection-bridge.html](http://www.cooking-hacks.com/index.php/raspberry-pi-to-arduino-shield-connection-bridge.html)

# Central Server Unit

## Mainboard

- Raspberry Pi 3 (35.99GBP)  
<http://www.maplin.co.uk/p/raspberry-pi-3-model-b-64-bit-quad-core-1gb-mainboard-n45ee>
- 16 GB Micro SD (5 GBP)  
[https://www.amazon.co.uk/SanDisk-Android-microSDHC-Frustration-Packaging/dp/B013UDL5V6/ref=sr\\_1\\_4?ie=UTF8&qid=1469201868&sr=8-4&keywords=16GB+micro+sd](https://www.amazon.co.uk/SanDisk-Android-microSDHC-Frustration-Packaging/dp/B013UDL5V6/ref=sr_1_4?ie=UTF8&qid=1469201868&sr=8-4&keywords=16GB+micro+sd)
- Power Adapter (8.99 GBP)  
<http://www.maplin.co.uk/p/raspberry-pi-3-power-supply-ukeurousaaus-n30ef>

# Miscellaneous (for implementation)

- Ethernet wire [OK]
- Test samples?
- HDMI Screen or HDMI/VGA adapter for Raspberry Pi + HDMI wire