

## List of Materials and Components

| Nr.          | Item                                     | Part of Device  | Provider      | Price   | Quantity | Final Cost      |
|--------------|------------------------------------------|-----------------|---------------|---------|----------|-----------------|
| 1            | Raspberry Pi Zero W                      | Control Station | Tibi owns it  | 27.50 € | 1        | 0.00 €          |
| 2            | LCD TFT 3.5"                             | Control Station | Waveshare     | 24.90 € | 1        | 24.90 €         |
| 3            | BME280                                   | Control Station | Adafruit      | 17.00 € | 1        | 17.00 €         |
| 4            | SanDisk Imaging microSDHC 16GB + Adaptor | Control Station | Tibi owns it  | 9.00 €  | 1        | 0.00 €          |
| 5            | 5V 2A Micro-USB Wall Adapter             | Control Station | Tibi owns it  | 7.99 €  | 1        | 0.00 €          |
| 6            | Beetle BLE                               | Bracelet        | DFRobot       | 13.04 € | 1        | 13.04 €         |
| 7            | Li-Po Battery 500mAh                     | Bracelet        | Adafruit      | 7.95 €  | 1        | 7.95 €          |
| 8            | MPU6050                                  | Bracelet        | DFRobot       | 8.66 €  | 1        | 8.66 €          |
| 9            | IR Temperature Sensor                    | Bracelet        | DFRobot       | 14.00 € | 1        | 14.00 €         |
| 10           | Sparkfun Pulse Sensor                    | Bracelet        | RobotShop     | 29.06 € | 1        | 29.06 €         |
| 11           | Tactile Button                           | Bracelet        | Tibi owns it  | 0.38 €  | 1        | 0.00 €          |
| 12           | LED                                      | Bracelet        | Tibi owns it  | 0.12 €  | 1        | 0.00 €          |
| 13           | Bracelet                                 | Bracelet        | Amazon        | 15.99 € | 1        | 15.99 €         |
| 14           | Spacer Bolts                             | Bracelet        | Reichelt      | 0.05 €  | 20       | 1.00 €          |
| 15           | Shaft locking ring                       | Bracelet        | Conrad        | 0.13 €  | 1        | 0.13 €          |
| 16           | Sealing Ring Ø45 x 1 mm                  | Bracelet        | Minott Center | 3.95 €  | 1        | 3.95 €          |
| 17           | Sealing Ring Ø16 x 0.5 mm                | Bracelet        | Uhrenarmband  | 1.00 €  | 1        | 1.00 €          |
| 18           | POM Plastic Stick                        | Bracelet        | Amazon        | 2.70 €  | 1        | 2.70 €          |
| 19           | 3D Printer Filament ABS Plastic          | Both Devices    | ISEP          | 23.99 € | 1        | 0.00 €          |
| 20           | Screws                                   | Both Devices    | Reichelt      | 0.015 € | 4        | 0.06 €          |
| <b>Total</b> |                                          |                 |               |         |          | <b>139.45 €</b> |