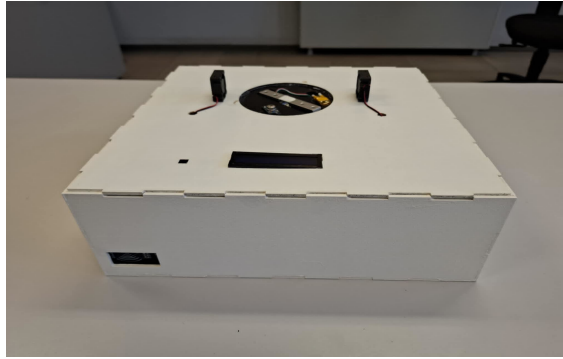


Class:	1MCT2
First Name:	Céline
Name:	Lelong
Project Name:	BrewBuddy
Approval Date:	20-Jun-25
Part Count:	16
Total Cost:	€247

Part #	Part Name	Description	Qty
1	Weight Sensor	An electronic component that detects pressure and converts it into an electrical signal.	1
2	Tax Tension Meter	Device used to measure voltage when a load is applied to it	1
3	Raspberry Pi	A small single board computer	1
4	Infrared temperature	To measure the temperature	1
8	Fan	To cool faster	2
9	Buzzer	To play notifications	1
10	RGB-LED	To show whether it is too hot or too cold	1
13	LCD display	to display system information and the IP address of the Raspberry Pi	1
14	Coffee mug	To drink coffee from	1
15	Breadboards	To make the circuits	2
16	SD card	To be able to set everything up	1

15	Heat Element	To be able to heat	1
16	External power supply	As security for the pi	1
15	Power supply pi	To be able to feed the pi	1
Total			16



Picture can only be added with END delivery of project!

Supplier	Component link	Unit Cost
Amazon	https://www.amazon.com.be/dp/B0DB1DCN9C?ref=pe_109208871_1104779671_t_fed_asin_title	\$ 6.99
Unikits	https://www.amazon.com.be/-/en/Multimeter-Voltmeter-Ohmmeter-Resistance-Backlight/dp/B0F6V572S6/ref=sr_1_5?crd=3QM QBFM0PZR23&dib=eyJ2ljoMSJ9.V9FMMlmMs66UxOdbheGg7nkbZCFKKDB1kmEn8jP_cEZA0Rw430xnmYlIFalIVW1Sv4n_7Pm3hd0hTnC7n	\$ 9.59
Unikits	https://www.sossolutions.nl/raspberry-pi-5-8gb-starter-kit-compleet?gad_source=1&gad_campaignid=21193349493&gclid=OAAAAADklJwAWr1n	\$ 130.00
Amazon	https://www.amazon.com.be/dp/B07YKNQQ7P?ref=ppx_yo2ov_dt_b_fed_asin_title	\$ 16.94
Amazon	https://www.amazon.com.be/dp/B0CZ8YH6MZ?ref=ppx_yo2ov_dt_b_fed_asin_title	\$ 6.59
Unikits	https://www.amazon.com.be/-/en/OcioDual-Buzzer-Electronics-Robotics-Prototypes/dp/B078842JDS/ref=sr_1_5?crd=241FIIWI_Q55AFG&dih=ev.l2liniMSJ9_7.IY	\$ 4.09
Unikits	https://www.amazon.com.be/-/en/Flashing-Multicolor-Lighting-Handmade-3-0-3-4V/dp/B08ZSNGP7K/ref=sr_1_5?crd=3D71QTHIEBW97&dib=evJ2ljoMSJ9.fleSsz8XIM8siwIH2	\$ 8.99
Unikits	https://www.amazon.com.be/-/en/Display-Characters-Background-Compatible-Raspberry/dp/B092ZHG64Y/ref=sr_1_8?crd=3G	\$ 11.99
Ikea	https://www.ikea.com/be/nl/p/faergklar-beker-mat-groen-40478189/?utm_source=google&utm_medium=	\$ 1.79
Unikits	https://www.amazon.com.be/MMOBIEL-4pcs-Breadboard-Prototype-Circuit/dp/B0CPJP9YSN/ref=sr_1_2_sspa?c	\$ 8.99
Unikits	https://www.amazon.com.be/-/en/Adapter-Speed-Memory-Mobile-TF162/dp/B0CYT352MW/ref=sr_1_10?crd=	\$ 13.99

Amazon	https://nl.aliexpress.com/item/1005005675603655.html?spm=a2g0o.productlist.main.1.3f89309a1cNpZ6&algo_pvid=7aebc7b2-e28f-	\$	1.00
Unikits	https://www.bol.com/nl/nl/p/otronic-breadboard-voeding-3-3v-en-5v-usb-power-input-6v-tot-12v-met-aan-en-uit-schakelaar-	\$	6.49
Unikits	https://www.bol.com/nl/nl/p/raspberry-pi-5-27w-voeding-zwart/9300000169268625/?bltqh=l3hCcSmJ	\$	19.95

Real Cost

€ 6.99

€ 9.59

€ 130.00

€ 16.94

€ 6.59

€ 4.09

€ 8.99

€ 11.99

€ 1.79

€ 8.99

€ 13.99

€ 1.00

€ 6.49

€ 19.95

€ 247.39