

Item Number	Part/Component	Description	Quantity	Unit Price (€)	Total Cost (€)
1	Black PLA	Filament for 3D printing custom parts (85 grams)	85 grams	2.11	2.11
2	Vinyl Sticker	Custom vinyl sticker for labeling	1	5.00	5.00
3	Microcontroller : ESP32-S3-WROOM-1	Central control unit for the spraying mechanism	2	3.60	7.20
4	Resistors 0 Ohm	Basic resistors for circuit connections	6	0.10	0.60
5	Resistors 10k Ohm	Resistors for electronic circuits	4	0.10	0.40
6	Resistors 1k Ohm	Resistors for electronic circuits	4	0.10	0.40
7	LED Red	Red LEDs for indicators	3	0.50	1.50
8	LED Green	Green LED for indicators	1	0.50	0.50
9	Voltage Regulator 3.3V	Voltage regulator for power supply	2	1.00	2.00
10	Capacitors 1 μ F	Capacitors for electronic circuits	3	0.20	0.60
11	Button	Push buttons for user input	2	1.00	2.00
12	Small Switch	Small switches for controlling power and operations	5	0.50	2.50
13	Pinheader Connection 4	4-pin headers for connections	2	0.50	1.00
14	Pinheader Connection 3	3-pin header for connections	1	0.50	0.50

15	Wires	Electrical wires for connections	Various	5.00	5.00
16	Plastic Spray Bottle	Spray bottle for holding the spraying fluid with pressure pump	1	4.39	4.39
17	Tubing	30 cm tube for external cables protection	1 piece	1.00	1.00
18	Zipties	Zip ties for securing components	6	0.10	0.60
19	Rubber Bands	Rubber bands for securing components	6	0.10	0.60
20	Batteries	Power source for the spraying mechanism and remote	2	3.00 (avg)	6.00
21	Servo Motor	Motor for controlling the spray nozzle	1	15.00	15.00