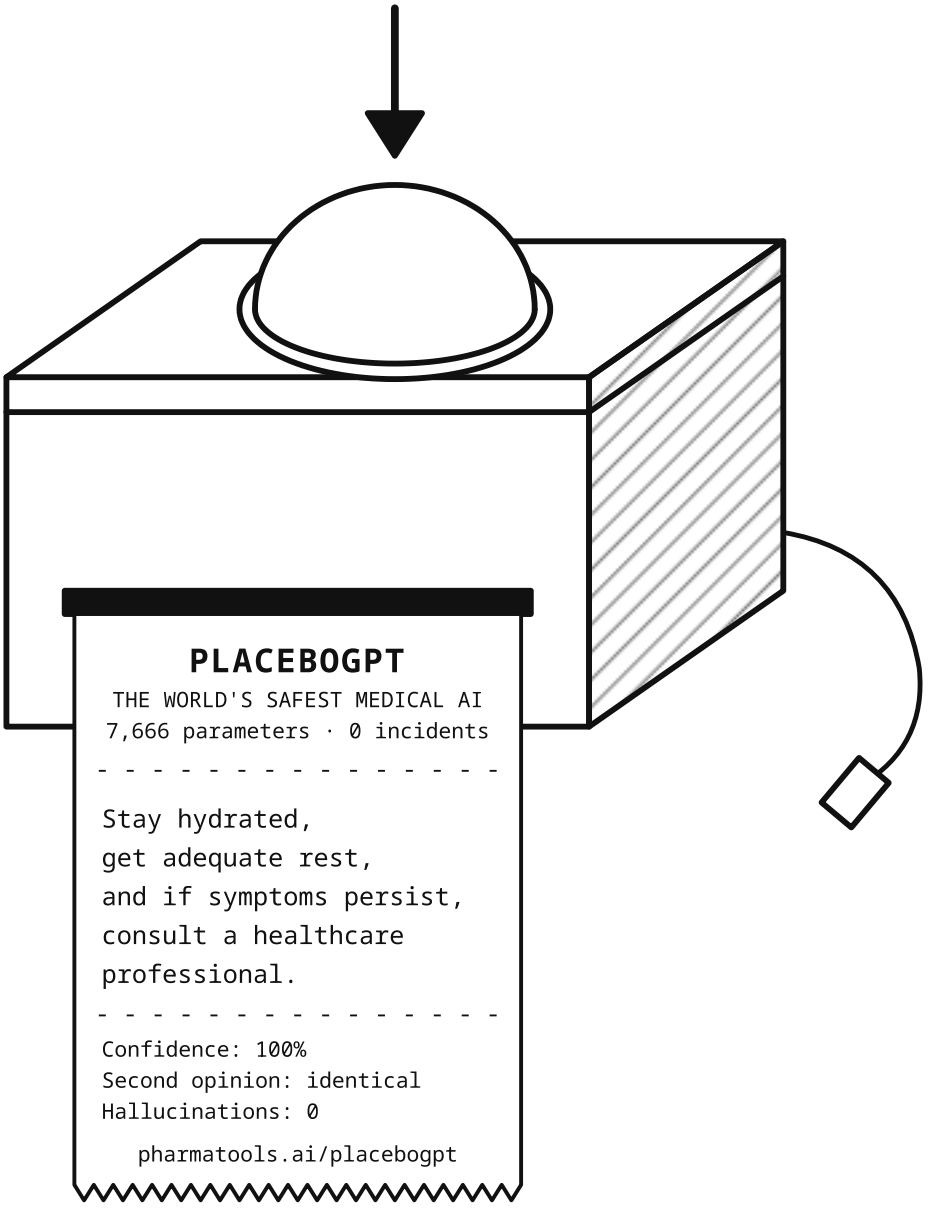
PLACEBÖ

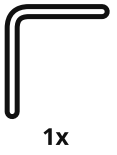
CLINICAL ADVICE DISPENSER · 7,666 PARAMETERS

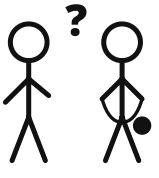
ART. NO.
766.66-0



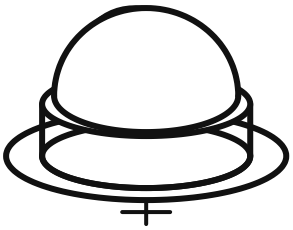






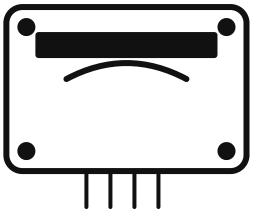


PLACEBÖ



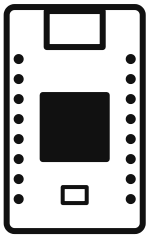
A · Ø100 mm dome button
arcade type, NO + NC

1x



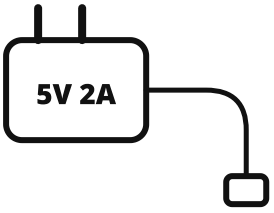
B · 58 mm thermal printer
TTL serial, 5 V

1x



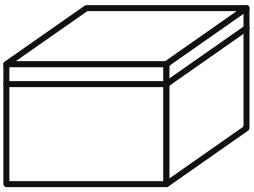
C · Raspberry Pi Pico
(any microcontroller with UART)

1x



D · 5 V ⎓ 2 A supply
(printer peaks ~1.5 A)

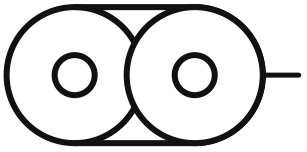
1x



200 × 150 × 100 mm

E · Enclosure with lid
ABS or plywood

1x



57 mm thermal

F · Thermal paper roll
57 mm × 30 m

1x



G · M3 × 12 screw
1:1

8x



H · M3 nut
1:1

8x



I · Jumper wire, F–F
150 mm

6x



J · Micro-USB cable
(firmware only)

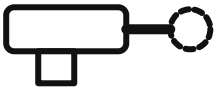
1x



K · Hex key
(not required;
included anyway)

1x

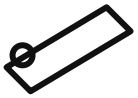
TOOLS
VERKTYG



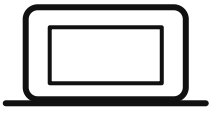
Ø100 hole saw



PH1 screwdriver



craft knife

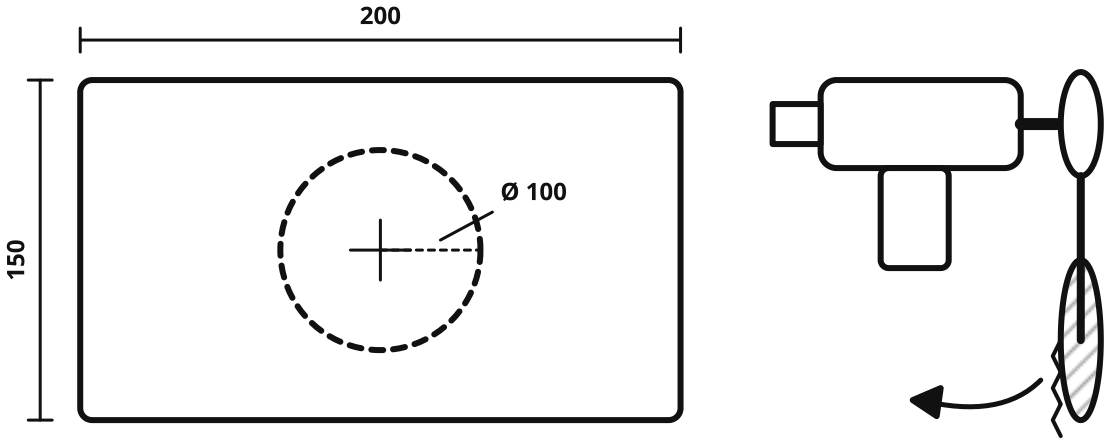


computer (step 5)

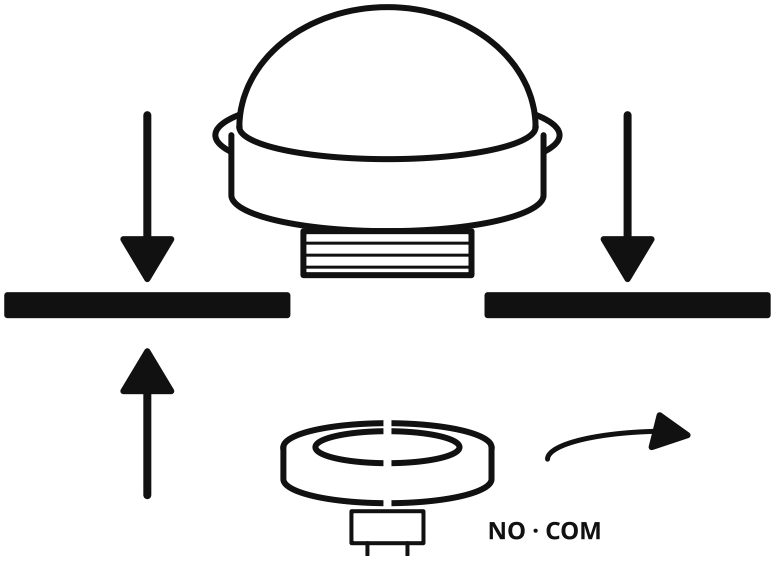
PLACEBÖ

ENCLOSURE · LID

1



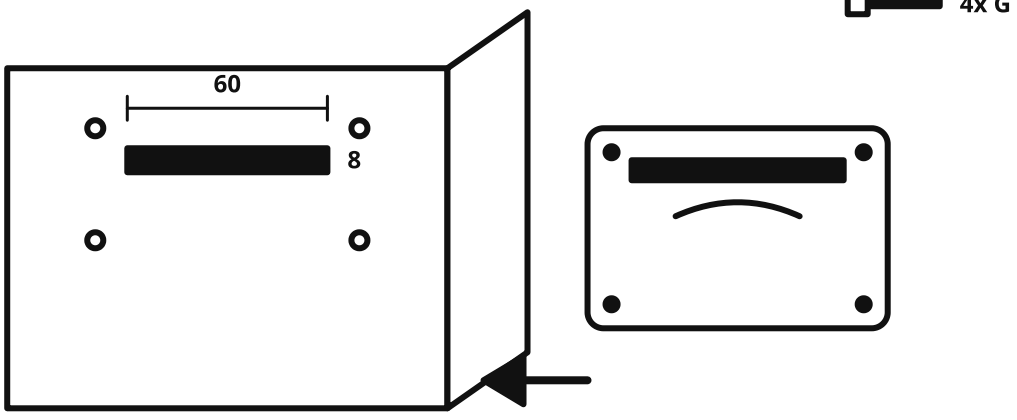
2



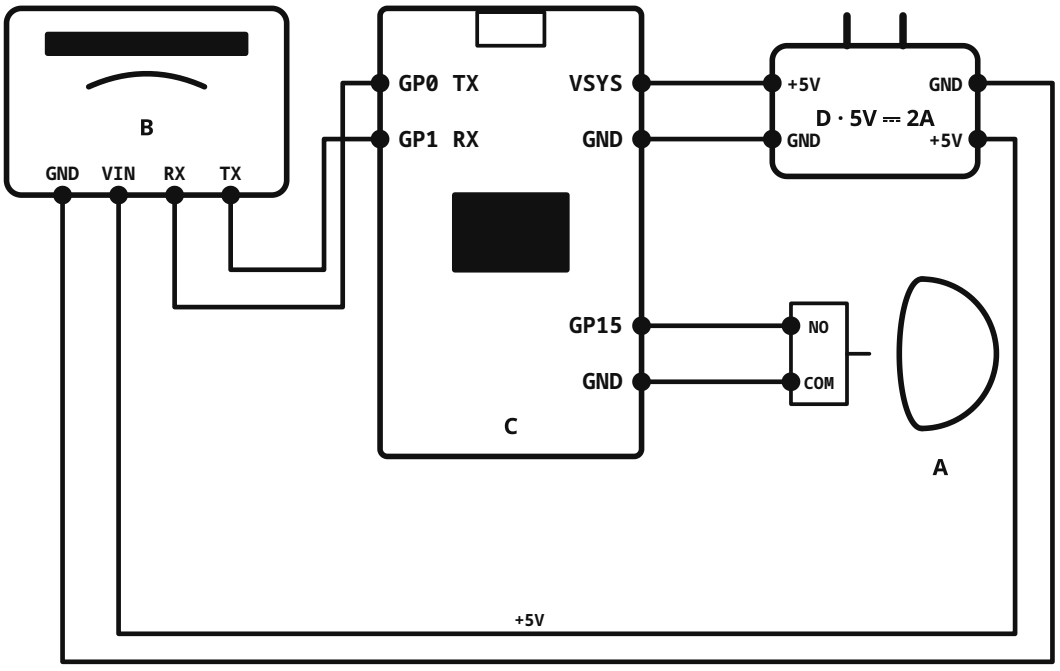
3

click!

4x G

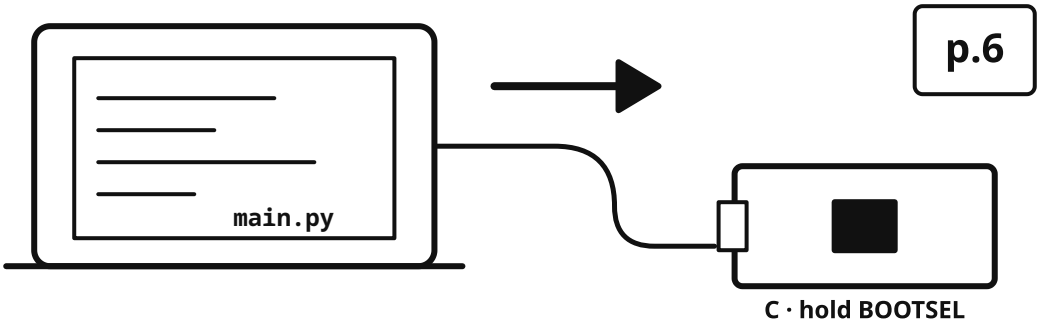


4



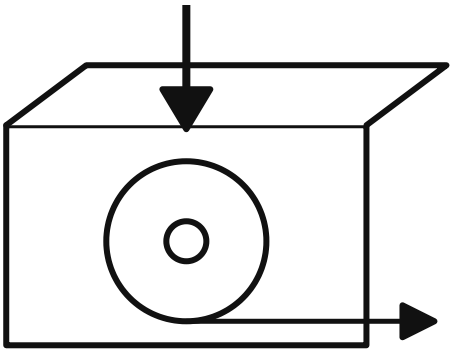
all GND joined

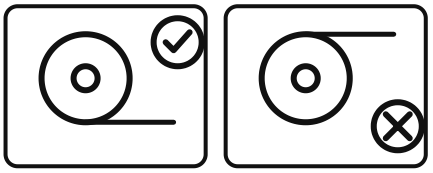
5



C · hold BOOTSEL

6

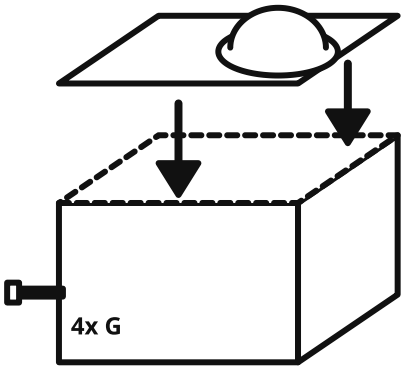




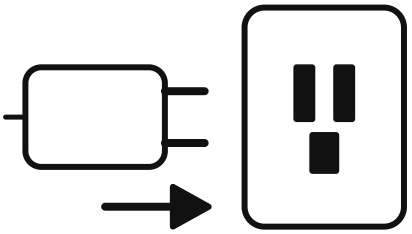
thermal side out

scratch it with a fingernail:
the side that marks faces the print head

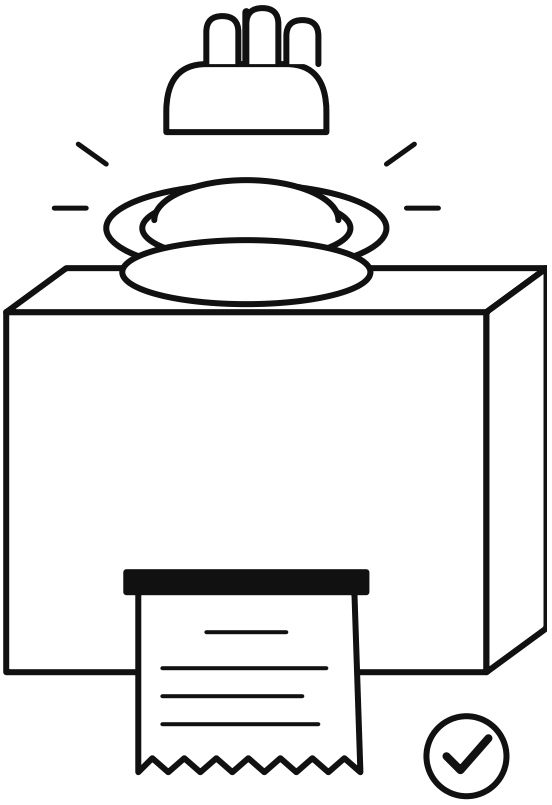
7



8



9



OUTPUT · 1:1

PLACEBOGPT

THE WORLD'S SAFEST MEDICAL AI

7,666 parameters · 0 incidents

- - - - - - - - - - - - -

Stay hydrated,
get adequate rest,
and if symptoms persist,
consult a healthcare
professional.

- - - - - - - - - - - - -

Confidence: 100%
Second opinion: identical
Hallucinations: 0

pharmatools.ai/placebogpt

p.6

main.py
MicroPython
Raspberry Pi
Pico

Flash MicroPython (hold BOOTSEL, plug in, drop the .uf2 on RPI-RP2), then save this file to the Pico as main.py with Thonny.

```
from machine import Pin, UART
import time

ADVICE = (
    "Stay hydrated,\n"
    "get adequate rest,\n"
    "and if symptoms persist,\n"
    "consult a healthcare professional.\n"
)

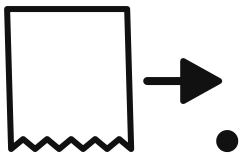
button  = Pin(15, Pin.IN, Pin.PULL_UP)      # NO -> GP15, COM -> GND
printer = UART(0, baudrate=9600,            # 19200 on older units
               tx=Pin(0), rx=Pin(1))

def esc(*b):
    printer.write(bytes(b))

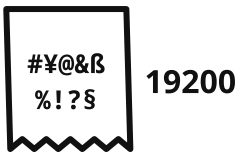
def print_advice():
    esc(0x1B, 0x40)                 # ESC @  reset
    esc(0x1B, 0x61, 1)              # ESC a  centre
    esc(0x1B, 0x45, 1)              # ESC E  bold on
    printer.write(b"PLACEBOGPT\n")
    esc(0x1B, 0x45, 0)              # bold off
    printer.write(b"THE WORLD'S SAFEST MEDICAL AI\n")
    printer.write(b"7,666 parameters . 0 incidents\n")
    printer.write(b"- - - - - - - - - - - - -\n")
    esc(0x1B, 0x61, 0)              # left
    printer.write(ADVICE.encode())
    printer.write(b"- - - - - - - - - - - - -\n")
    printer.write(b"Confidence: 100%\n")
    printer.write(b"Second opinion: identical\n")
    printer.write(b"Hallucinations: 0\n")
    esc(0x1B, 0x61, 1)
    printer.write(b"pharmatools.ai/placebogpt\n")
    esc(0x1B, 0x64, 4)              # ESC d  feed 4 lines

while True:
    if button.value() == 0:         # pressed (active low)
        print_advice()
        while button.value() == 0:  # wait for release
            time.sleep_ms(10)
        time.sleep_ms(300)          # debounce / cool-down
    time.sleep_ms(10)
```

PLACEBÖ



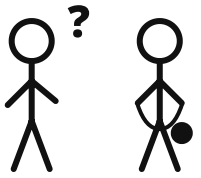
Blank receipt
→ flip roll (step 6)



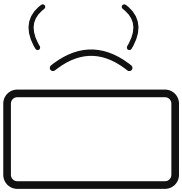
Garbage characters
→ change baud rate



Fades mid-line
→ bigger supply (D)



Symptoms persist
→ consult a healthcare professional



Wipe with a dry cloth



Do not hydrate the unit



Do not fine-tune

TECHNICAL DATA

Parameters	**7,666**
Outputs	**1**
Inference time	**≈ 1.2 s (print-bound)**
Energy per answer	**≈ 3 J**
Hallucination rate	**0 %**
Safety incidents	**0**
Paper per answer	**≈ 90 mm**
Assembly time	**1 evening**

© PharmaTools.AI · Not a medical device · Not medical advice (that is rather the point)