Parts list for “Low-cost Gas Laws Demonstration”

LCD Keypad Shield
Amazon.com: HiLetgo 1602 LCD Keypad Shield 1602 LCD Expansion Shield Board Blue Backlight 4.5-5.5V for Arduino Duemilanove Robot : Electronics

ACEIRMC 2pcs 1602 LCD Keypad Shield 1602 LCD Expansion Shield Board Blue Bcklght | eBay (2 pieces)

Arduino Uno, R3
Amazon.com: ELEGOO UNO R3 Board ATmega328P with USB Cable(Arduino-Compatible) for Arduino : Electronics

2 units-Compatible with Arduino UNO R3 IDE, ATmega 328P CH340 Development Board | eBay

Arduino BMP 280

EC Buying GY-BMP280 Atmospheric Pressure Sensor Module, Digital Atmospheric air Pressure Sensor High Precision BMP280 Arduino Pressure Sensor Replaces BMP180 Digital Interface IIC or SPI. (10PCS): Amazon.com: Industrial & Scientific (10 pieces)

5 Pcs GY-BMP280-3.3 High Precision Atmospheric Pressure Sensor Module Digital Ba | eBay (5pieces)

Female to Male connectors
Amazon.com: California JOS 40 PCS 20 CM (8 inch) Breadboard Jumper Wires Length Optional Dupont Wire Assorted Kit Female to Male Multicolored Ribbon Cables : Electronics

40pcs 10cm 20cm 30cm 50cm 2.54MM Male to Female Wire Jumper Cables For Arduino | eBay

Heat Shrink Tubing
Amazon.com: Eventronic 560PCS Heat Shrink Tubing 2:1, Electrical Wire Cable Wrap Assortment Electric Insulation Heat Shrink Tube Kit with Box(5 colors/12 Sizes), Black, Red, Blue, Yellow, Green : Industrial & Scientific

Heat Shrink Tube - 2:1 ratio Shrinkable Tubing lot (SMALL SIZES) HeatShrinkBuddy | eBay

Plastic drink bottle (64oz)
Four conductor wire (spare USB connector cord works well)
Power source for use when not connected to computer (9v battery with center positive 2.1mm x 5.5mm male connector or other)