1. Respirometer

A compact unit for comparing rates of absorption or evolution of gases by small organisms during respiration. The apparatus consists of two stoppered boiling tubes connected by three way taps to either limb of a graduated manometer. One tube holds the organisms and has a syringe for altering the level of liquid in the manometer during set up. The other tube acts as a control thermo-barometer. CO_2 given off by the respiring organism is absorbed by potassium hydroxide in the experimental chamber, resulting in a change in the level of liquid in the manometer tube. Complete with wire baskets for supporting organisms.

Code	Pack	Price
B218	Each	£21.96



2. Nickel-Electro Clifton® Student Spirometer

The spirometer can be used for investigating tidal volumes, respiratory rate, pulmonary ventilation, reserve volumes and vital capacity. Oxygen consumption can also be measured which is useful in metabolic studies. A simple lever control enables the subject to be connected either to atmosphere or to the float for recording. A container for soda-lime crystals is fitted which can be used to absorb carbon dioxide. The spirometer is designed to offer minimum resistance to air flow. This means greater comfort for the subject and more realistic results. The tank is one piece stainless steel pressing housed in a durable painted outer case. The float is constructed from lightweight plastic. The float is calibrated 0 to 7 x 0.5 litres and has a metal counterpoise. The pen arm corresponds to approximately 0.5 litres. The two corrugated breathing hoses 0.8m long are provided with two mouth pieces and a nose clip. Instructions supplied.

Code	Description	Pack	Price
SM1	Spirometer	Each	£1062.60
BX0612	Spare disposable mouthpieces	100	£44.95
BP0555	Noseclip	Each	£1.39



3. A Year's Worth of Tar

This graphic, sealed exhibit, containing a pack of cigarettes and cigarette butts submerged in gooey tar, represents the amount of carcinogenic liquid a one-pack-a-day smoker put into their lungs over the course of a year.

Code	Pack	Price
SE1005578	Each	£119.57



4. Smokey Sue Smokes for Two

As Smokey Sue smokes a cigarette, tar collects around the lifelike model of a 7 month old foetus, graphically showing the pollutants that can reach a developing baby. Jar and foetus are easy to clean.

- Dimensions: 5" x 14" x 5"

Code	Pack	Price
SE1020793	Each	£359.13



5. Tobacco Ingredients Display

The toxic chemicals found in tobacco smoke are more easily remembered by associating them with common, and grossly unappealing substances. This eye catching, plexiglas, 3D display resembles a cigarette yet allows viewers to see what is really inside tobacco smoke. Comes with a two sided tent card that can be used with adults or children.

- Display dimensions: 24.75" x 3.5"

Code	Pack	Price
SE1020791	Each	£293.29

