

# New Products Update

The publication of this issue coincides with the most diverse range of new products so far - ranging from air motors to fragrances! There are also some very significant price reductions that stem from being able to purchase goods in much larger quantities.

## Air motors

Several colleagues have seen miniature compressed air motors in toys and said: 'if only I could get hold of those motors....' This is now possible. The largest manufacturer of air motor toys has interrupted its normal production to provide us with three types of motor. These are miracles of precision engineering in plastics: each of which has a **tiny piston driving a crankshaft**. They are also very powerful. All the motors come with an **integral air reservoir** and two are complete with a **propeller**. The third has a gear for direct driving. A special low-cost pump fitting all three motors is available separately.



Powerful Air-driven motors

## Quality making and new tools

TEP has championed the cause of quality making, particularly in relation to the use of modern pre-coated metals and plastics such as polypropylene. We have now added to the range of equipment with a **hand punch tool** that uses **interchangeable dies**. This will punch holes up 7mm diameter in steel, aluminium or plastic sheet materials and is now available at around one third of the cost of comparable tools (stock no. TOO 007). For the first time, a range of other tools has been introduced to support manufacturing in general and precision work in particular. This will be a particular focus of future TEP inset.



## Electronics modules

Alongside the existing **FM radio**, there is now a low-cost version with push-button (electronic searching) control. The radio is complete and needs only batteries. It is however fitted with the switches and volume control etc. that were designed to fit into an existing commercial radio. These may need replacing or adapting in students' work.



Also available is a **phone flash** module which is complete with batteries. When placed near a mobile phone, this device signals an incoming call with flashing LEDs. It is the basis of new TEP project from Sheffield Hallam University to warn of incoming calls when a phone is on mute.



## Precious metals and jewellery

In response to demand, we have taken the first steps towards a comprehensive supply of materials for jewellery. This includes **precious metals** (and titanium) that can be very difficult to source in small quantities. **Sterling silver**, and even **gold** in wire form, are surprisingly inexpensive for small scale work, and the thought of making something with these icon materials is a powerful motivator. The silver sheet is available at about 6p per square centimetre. Also included is a selection of **semi-precious stones** in bead form and one or circular cabochon cut stones that can easily be fitted into drilled holes rather than traditional (difficult-to-make) bezels. **Sapphires** start at £1.50 each!



The **titanium wire** now available is easy to work with and can be anodised using the new **micro-anodising kit** (stock no. TIN 004). This uses fizzy drinks as the electrolyte, and so is very safe. It will produce permanent colours on the titanium surface ranging in colour from gold to a striking blue.



Stock No. TIN 004

① If you have not yet received a catalogue or for further details of other products please contact:

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