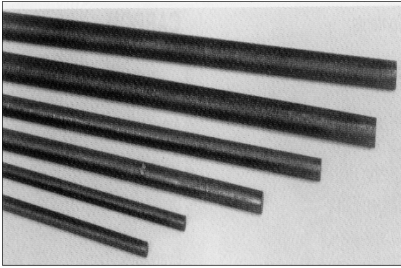


## Carbon Rods

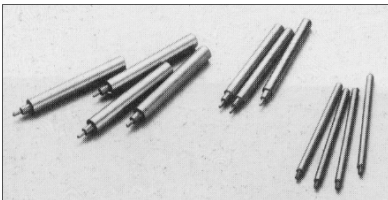


A selection of **spectrographically pure** carbon rods used in EM specimen preparation such as replica making and specimen support films.

**Two Grades - Normal Purity** with Ash Content (impurities) <20 ppm and **High Purity** with Ash Content <2 ppm.

<b>C068</b>	Carbon rods <b>High Purity</b> 3.05mm Ø x 30cm	pack of 10
<b>C161</b>	Carbon rods <b>High Purity</b> 4.6mm Ø x 10cm	pack of 10
<b>C060</b>	Carbon rods <b>Normal Purity</b> 5mm Ø x 20cm	pack of 10
<b>C162</b>	Carbon rods <b>High Purity</b> 4.6mm Ø x 30cm	pack of 10
<b>C163</b>	Carbon rods <b>High Purity</b> 6.15mm Ø x 30cm	pack of 10
<b>C072</b>	Carbon rods <b>Normal Purity</b> 6.3mm Ø x 30cm	pack of 10

## Shaped Carbon Rods



To eliminate the sometimes messy shaping of carbon rods TAAB offers *pre-shaped* rods ready for use in the vacuum coating unit. These rods are manufactured from a soft (graphite type) carbon. **Length 55mm**

<b>C144</b>	Shaped carbon rods 3mm Ø	Pack of 10
<b>C145</b>	Shaped carbon rods 5mm Ø	Pack of 10
<b>C146</b>	Shaped carbon rods 6mm Ø	Pack of 10

## Carbon Fibres



C200



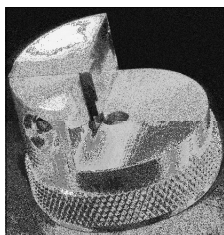
C154



C265

We offer several fibre type carbon evaporation sources which are suitable for either low or high vacuum evaporation.

<b>C200</b>	Loose bound carbon fibre strands. Many customers find this source gives the best overall fine, even coating 2.5mm Ø x 3.5m
<b>C154</b>	Multi stranded spiral wound (braided) carbon fibre 'cord' 2mm Ø x 1m
<b>C265</b>	Double stranded high purity spiral wound 'thread' 1mm Ø x 3.5m
<b>C265/1</b>	Double stranded high purity spiral wound 'thread' 1mm Ø x 1m

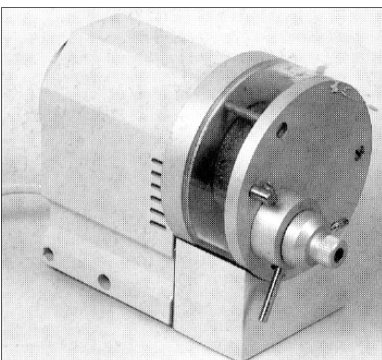


## Hand Tool for Carbon Rod Shaping

This is a high precision hand-held tool for shaping carbon rods to give a cylindrical tip. The smallest diameter is 0.66mm Ø suitable for wrapping platinum wire around for Pt/C evaporations. The next diameter is 1.5mm and the third 3.55mm. Changes in diameter can be achieved by rotating the blade in its holder. The smallest tip is removed when evaporating carbon only.

<b>C131</b>	Hand tool for 6.2mm Ø carbon rod shaping	each
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## Motorised Carbon Rod Shaper

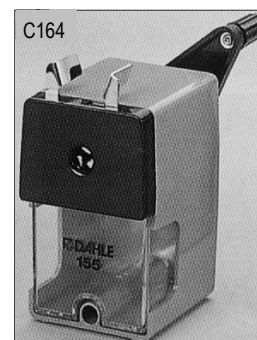


A purpose designed motor driven shaper with a grinding wheel to produce a profiled tip on a rod. It normally produces a cylindrical tip on the most brittle of rods. The rod holder is adjustable to produce tips of different diameter. The carbon dust is collected in a tray. The shaped grinding wheel can be reversed to produce a conically shaped tip on the carbon rod. The standard collet accepts 6mm rod but other sizes are available on request.

## Carbon Rod Sharpener

A tough, simple manual sharpener to give a clean conical point on carbon rods. High quality replaceable cutter blade and removable transparent debris drawer. Rod position adjuster, automatic feed mechanism and table clamp.

- C164** Carbon rod sharpener  
**C164/1** Replacement cutter



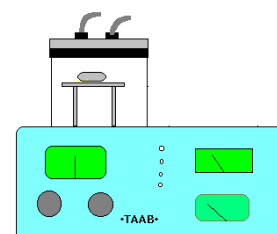
## Chromium Chips/Powder

High purity (99.9%) chromium supplied in *chip* form for use in wire baskets and in *powder* form for evaporation from metal boats.

- C195** Chromium in *chip* form 100g  
**C196** Chromium in *powder* form 100g

## Sputtering Targets

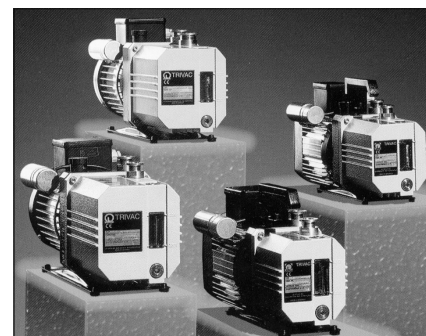
Targets available in gold, palladium, gold/palladium, platinum, platinum/palladium, chromium, silver, carbon, aluminium, nickel, copper, titanium and tungsten for all appropriate TAAB supplied coaters and most other commercial instruments. Targets can also be manufactured from examples if provided.



## Rotary Vacuum Pumps

Two stage Edwards rotary vacuum pumps for connection to any TAAB supplied coating unit (when they are supplied with all connecting hoses and oil mist filter), or separately for use in other applications. All come with a universal motor suitable for 100-120V/200-240V single phase 50/60Hz. Complete with carrying handle, pump oil and supplied with IEC plug.

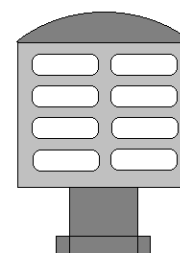
- S344** Rotary pump No. 2 2m<sup>3</sup>/Hr (35l/min)  
**S345** Rotary pump No. 2 2.7m<sup>3</sup>/Hr (47l/min) 'Fomblinised' with gas ballast valve  
**S346** Rotary pump No. 5 5m<sup>3</sup>/Hr (87.5l/min)  
**S347** Rotary pump No. 10 10m<sup>3</sup>/Hr (175l/min)



## Rotary Pump Oil Mist Filter

To avoid the expulsion of possible toxic oil vapours into the laboratory atmosphere during pump-down these disposable filter units can be fitted to the vacuum exhaust. They should be replaced on a regular basis depending how often the equipment is used. We would recommend at least every six months.

- F263** Rotary pump oil mist filter



## Vacuum Hose - Neoprene

Heavy wall, neoprene hose sold by the metre up to a maximum length of 3 metres. Suitable for use with all coating units.

- V062** Vacuum hose 12mm Internal Diameter x 28mm Outside Diameter (per metre)  
**V063** Vacuum hose 20mm Internal Diameter x 34mm Outside Diameter (per metre)

