















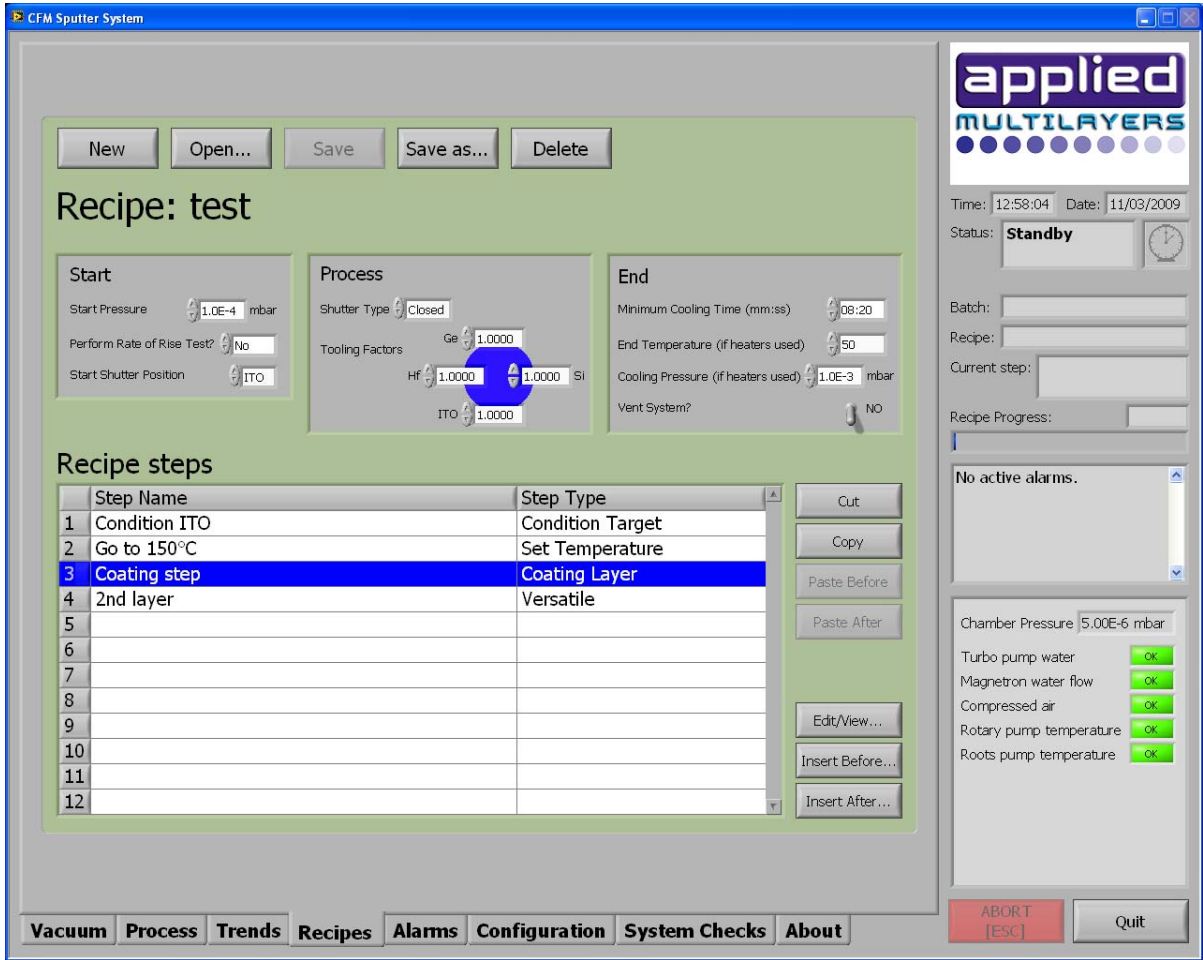
Trending screen

Password protection is included on certain screens.

Timer functions allow the timed start-up or shutdown of the pumping system.

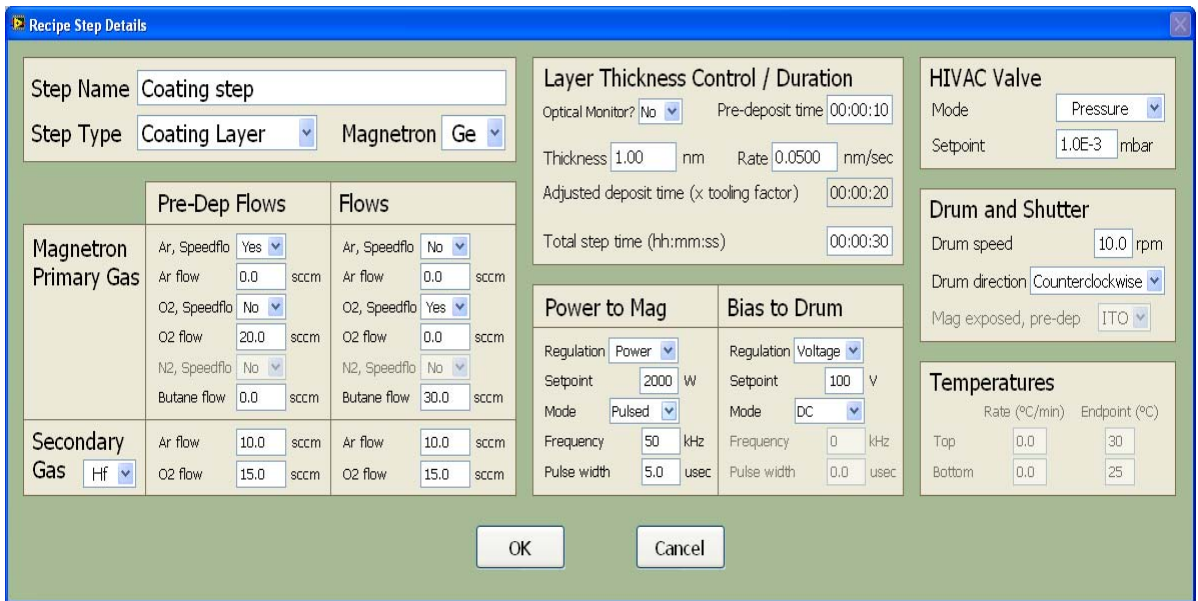
A manual coating can be performed via a manual control screen where all coating parameters can be user set. All parameters are data logged in the same way as an automated coating process.

Recipe editing for single and multilayer layer deposition is available. This includes substrate cleaning, target conditioning stages, magnetron stabilisation, deposition and shutdown.



Recipe editing screen

Specific magnetron running conditions can be readily set using the following edit tab available within the recipe editor.



Magnetron set-up screen



## **Warranties**

All bought out items will carry the original manufacturer's warranty. This includes pumps, Power Supplies, Controllers, etc. All other items are warranted by Applied Multilayers LLC. and any defect in materials or workmanship reported within one year of purchase will be repaired or replaced free of charge.

## **Spares**

A comprehensive spares list is provided, including a complete set of 'O' rings; Rotary pump oil; Vacuum Grease; 2 spare sight glasses, 2 NW 25 blanking plates; 2 NW 10 blanking plates; Drive belt for sample rotation, optical fibre for optical emission monitor.

In addition we stock most major items and will supply replacement parts by air transport on notification of breakdown. This will be a free service under the warranty for the first year, but will be charged after the end of the warranty period.

## **Installation Requirements**

Electrical requirements are 415V, 3 phase supply, 45kW total

Water cooling water requirements are; flow 20 litres/minute, pressure 3 bar; temperature 18°C.

Compressed air at 100psi is required.

Supplies of Research Grade Argon and Oxygen gases are required.

A supply of dry nitrogen is highly advisable for venting the chamber.