



Automatic Pressure Adjustments

It is desirable in some applications to change (adjust on the fly) the pressure in the syringe / tank to compensate for a material's variation of viscosity.

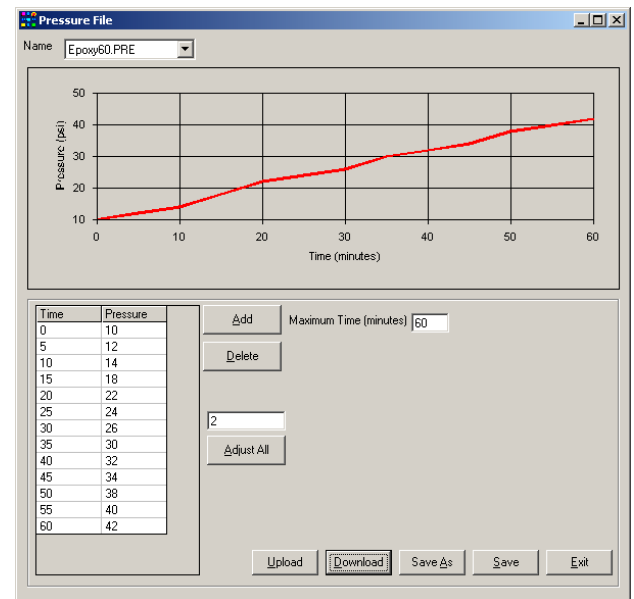
This may be used if dispensing epoxies that have a limited life and thicken over time.

Pressures may be set anywhere within the program.

Integrated to the Control and Software

Several pressure files may exist, each with it's own unique properties and values to suit the application. When the file is downloaded to the machine, it will begin counting down using the machine clock (in absolute time).

Because the machine has a battery backed clock, the pressure files will be accurate even after "power down" conditions.



The machine will display the expiration time remaining on the LCD display. When Maximum Time has expired, the operator will be prompted to replace material and press START to reset the system. An over ride (press HOME) function is also included if an extra part or two needs to be processed.

Epoxy.JOB 0%
Loaded 00:00 0004
00:20 Left 15psi
X 6.250 Y 1.352 Z 2.200

Epoxy.JOB 0%
Loaded 00:00 0004
MAXIMUM TIME EXPIRED
X 6.250 Y 1.352 Z 2.200

Maximum Time Expired
Refill Material
Then Press ENTER
or HOME to override

Pressure files may be uploaded, modified, saved as, just like any other files in the system. This feature may be disabled if manual air pressure control is desired.