

**IBL** offers a complete series of different vapour phase soldering machines for any use and production throughput. Four series of different size are resulting in 16 different standard vapour phase reflow systems. Machines are available as batch or in-line type machines.

There are machines available in **Economy** and **Premium** version. These models are offering different kinds of soldering comfort.

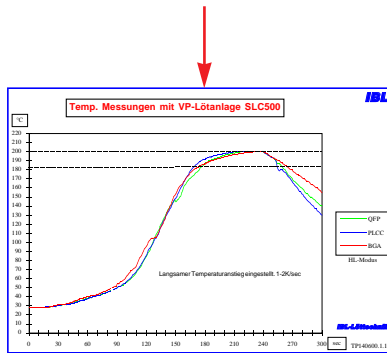
### Economy-Line



The easy and low cost start in vapour phase soldering technology.

The Economy-line is designed for pragmatical users, who are looking for an simple way of soldering.

These machines are working exclusively in HL-mode. There is no IR-preheat station. The whole heat process is accomplished in vapour phase. The vapour phase level indicates when the soldering is done.



**HL Profile**

### Premium-Line



The Premium Line is designed for users who wants to be prepared for any kind of soldering demand. The machines are supplied with the latest state of the art technique of vapour phase.

There are machines for small series or high volume production.

Additional to the features of the Economy Line there is an optional IR-chamber to use for glue hardening or for additional preheating of the boards.

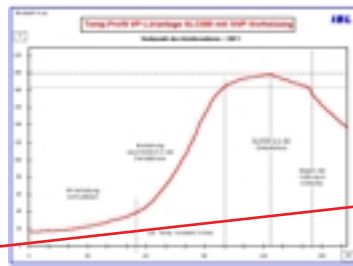
The patented **SVP** (Soft Vapour Phase) mode allows a great variety of temperature profiles, depending on customer demands.

Per example the so called plateau-profiles can be done and the temperature rise of the board can be adjusted from 1 to 6 K/sec. There is an also an excellent repeatability of these profiles.

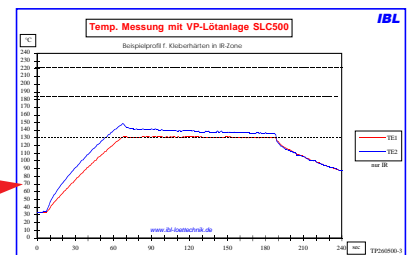
A special cooling procedure **RCS** (patented) helps to cool down even heavy boards very rapidly. It is the fastest way of cooling after soldering.

The Premium line machines are representing the top end of vapour phase soldering. Every board can be soldered, no matter how complicated it is, without being overheated. With in-line machines a high volume production can be done at the highest quality level.

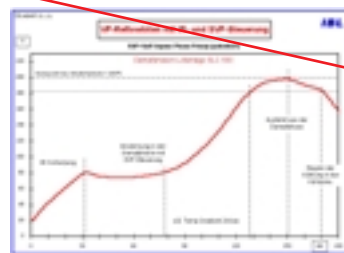
### Premium Line



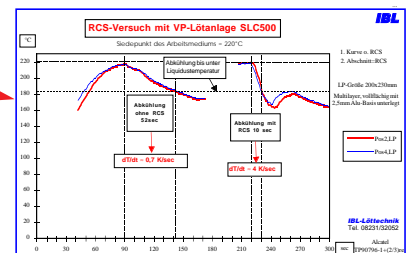
**SVP Profile**



**Glue Hardening Profile**



**Plateau-Profile**



**RCS Quick Cooling**

For specific reasons or if soldering problems occurs a temperature profile can be set according to the customers demands.

This is done by simply changing a few machine parameters.