Work on 2 different stations at the same time using 2 different programs.

Included with the machine are:

- Control Cabinet with Touch Screen PC at THP 35 and Siemens Touch Screen Control Panel at THP 32
- Software
- Patented filling heads
- 2 Sets of Filling Heads for Through and Blind Holes and 2 Sets of Cleaning Squeegees
- Internal Heat/Cooling unit (only THP 35, THP 32 optional)
- Filling system for prefilled Paste Cartridges

The THP 35 is controlled by a Siemens SPS type S7-300 with a connected PC program visualisation. A large amount of different process programs can be stored. All messages are in clear text. The set process parameters as well as the actual parameters are displayed in real time. There are different user levels which are password controlled.

The THP 32 is controlled by a Siemens PLC type S7-1500 with a connected Touch Screen Control Panel. Up to 99 recipes can be stored. All messages are in clear text. The set process parameters as well as the actual parameters are displayed in real time. There are different user levels which are password controlled.

Screenshot 1

=ISD

ITC Intercircuit

THP35

?

Order [ ] Start End

Exit
Protocol
process

| Cleaning Chamber | Filling Chamber | General |
| Abrakelkammer | Füllkammer | Allgemein |

Filling Chamber

Choice | Manual | Setvalues | Factor's | Microscope 🔍

Act.- Position	779	[mm]
Upper Startposition	30	[mm]
Stop plugging	450	[mm]
Total length of PCB	550	[mm]
Blind perf.	100	[%]

Vacuum [mbar]
0

Paste press.back	2.8 [bar]
Paste press.front	0.5 [bar]
Fillingspeed	200 [mm/min]

[bar]

Squeegee pressure	0.5
Pastepressure Holes	0.0 ●
Pastepressure Blindhole	0.0 ●

Room temperature | 26.1 | [°C]

| 30.10.2012 | 12:57:45 | Automatic | | stopped | Process | | test |

User | - | 9

| F3 Automatic | F4 Parameter | F5 Manual | F7 Pro.load | F8 Errors | F9 Quit | F10 Reference | F11 chan. cardrige | F12 Log on/off |

Screenshot 2

=ISD

ITC Intercircuit

THP35

?

Order [ ] Start End

Exit
Protocol
process

| Cleaning Chamber | Filling Chamber | General |
| Abrakelkammer | Füllkammer | Allgemein |

Filling Chamber

Choice | Manual | Setvalues | Factor's | Microscope 🔍

Set Values ✕

Upper Startposition		25	[mm]
1.Skip from	0 to 0		[mm]
2.Skip from	0 to 0		[mm]
3.Skip from	0 to 0		[mm]
Stop plugging		670	[mm]
Total length of PCB		715	[mm]

filling width 12 - 14 inch ▼

Fillingspeed	200	[mm/min]
Paste press.back	2.5	[bar]
Paste press.front	1.5	[bar]
Pre dwell time Paste	7	[sec]
delay Pressure/Vacuum	10	[sec]
Blind perf.	100	[%]

| 03.04.2013 | 14:24:15 | Automatic | | stopped | Process | | AmphenolTest |

User | - | 9

| F3 Automatic | F4 Parameter | F5 Manual | F7 Pro.load | F8 Errors | F9 Quit | F10 Reference | F11 chan. cardrige | F12 Log on/off |

All Types are available as Single Chamber Type too:

- 01 Type: Filling Chamber
- SC Type: Cleaning Chamber, only as THP32-SC available
- Stainless-steel versions are available too