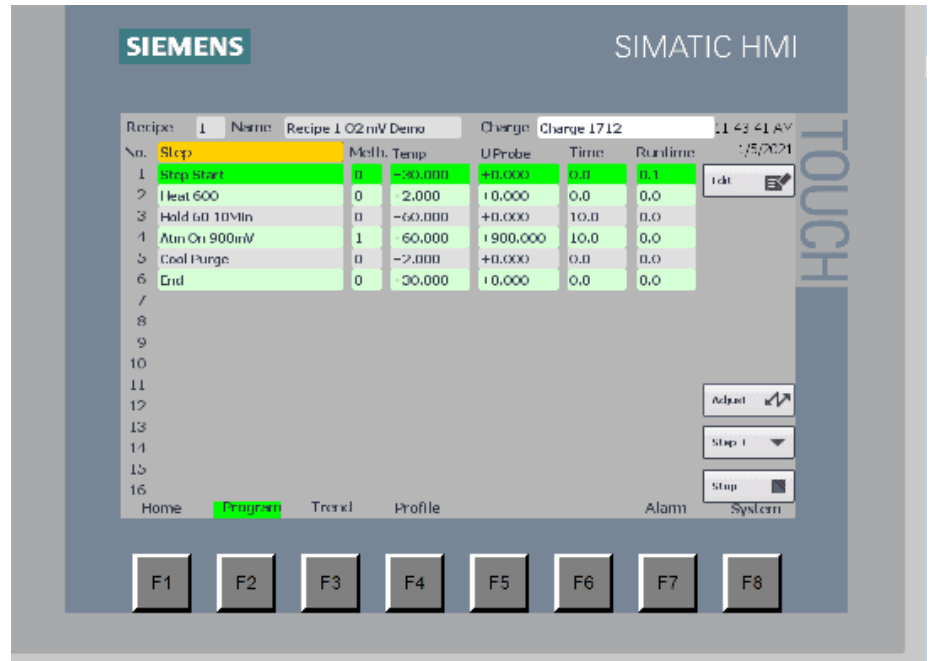


PGS

Programmer for S7 PLC

The programmer software PGS implements a complete programmer function directly on a Siemens S7 1200 or 1500 PLC. A recipe editor and the programmer itself are made available. This means that both the system control and the process control can be implemented directly on the PLC. In addition, functions such as online diffusion calculation for carburizing/case hardening or nitriding potential control for nitriding/nitrocarburizing can be implemented without the use of special manufacturer-dependent control devices. Only S7 knowledge is required for commissioning, adjustment, maintenance, etc.



The programmer has the following range of functions:

- program steps with templates,
- free variable definition,
- relays and events,
- setpoint assignment and ramp function,
- Time control, maximum time monitoring for each program step
- Band monitoring (comparison of actual value/setpoint) with generation of band alarms,
- Program intervention to change a running program,
- Programmer with online diffusion calculation and target value control (together with sensor module SM 01),
- Programmer with nitriding potential/carburizing potential/oxidation potential control (together with sensor module SM 01).

