Product Information

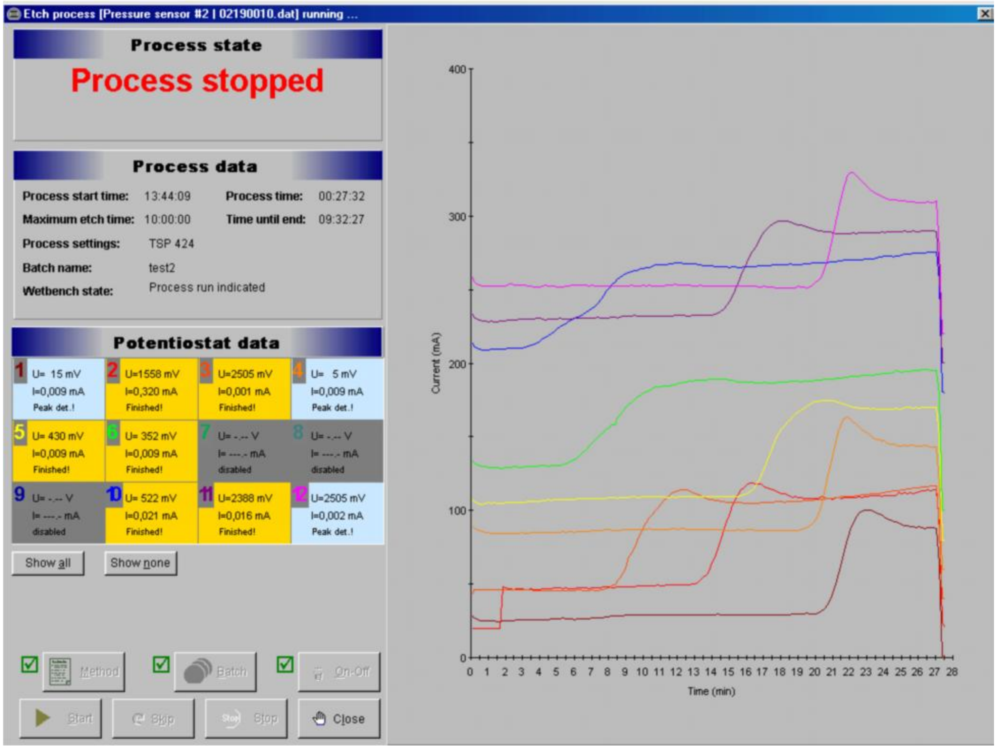
Etch Process Control Software (EPC)

AMMT
Advanced Micromachining Tools

for Windows 95/98, NT/2000 and XP

AMMT's control software for the MEMS Potentiostat Models SC and MC is a versatile software package developed for development and production environments that operates up to 16 potentiostats in parallel. The software allows:

- to control all features of AMMT's MEMS Potentiostats,
- define process methods, store and retrieve them,
- run and follow processes on EPC's graphical user interface,
- access each potentiostat's process values, even down to its internal supply voltages,
- follow the etch process in your office over your computer network via our remote control features,
- save all process relevant data for each batch for later use and inspection,
- print summarized or detailed reports on each etch process for documentation purposes,
- increase your yield with the MEMS Potentiostat's error detection mechanism that warns you early in case of problems (etchant leak, broken wafer or cable failure)
- use the potentiostat peak detection feature to alert you when the process is finished
- start an external system to rinse the wafers or transfer them to a different bath



Etch process [Pressure sensor #2 | 02190010.dat] running ...

Process state

Process stopped

Process data

Process start time: 13:44:09
Process time: 00:27:32
Maximum etch time: 10:00:00
Time until end: 09:32:27
Process settings: TSP 424
Batch name: test2
Wetbench state: Process run indicated

Potentiostat data

1 U= 15 mV I=0,009 mA Peak det.!	2 U=1558 mV I=0,320 mA Finished!	3 U=2505 mV I=0,001 mA Finished!	4 U= 5 mV I=0,009 mA Peak det.!
5 U= 430 mV I=0,009 mA Finished!	6 U= 352 mV I=0,009 mA Finished!	7 U= -.-- V I= ---.- mA disabled	8 U= -.-- V I= ---.- mA disabled
9 U= -.-- V I= ---.- mA disabled	10 U= 522 mV I=0,021 mA Finished!	11 U=2388 mV I=0,016 mA Finished!	12 U=2505 mV I=0,002 mA Peak det.!

AMMT GmbH
Anselm-Feuerbach-Straße 6
D-67227 Frankenthal
Deutschland / Germany

Tel.: +49-6233-4960014
Fax:+49-6233-436214

E-Mail: info@ammt.de
http://www.ammt.de