Tool Monitoring System

DSM-1000

Tool monitoring offers solutions to various machining challenges by monitoring tool status in real time which will provide predictive information in order to save resource and downtime.

Guidelines for deciding whether you should consider tool monitoring on your equipment.

- If you are using very expensive tools or making very expensive parts
- If your tooling costs are abnormally high
- If you have had a series of wrecks on a machine and are not able to control the amount of downtime and maintenance

DASAN USA Inc.

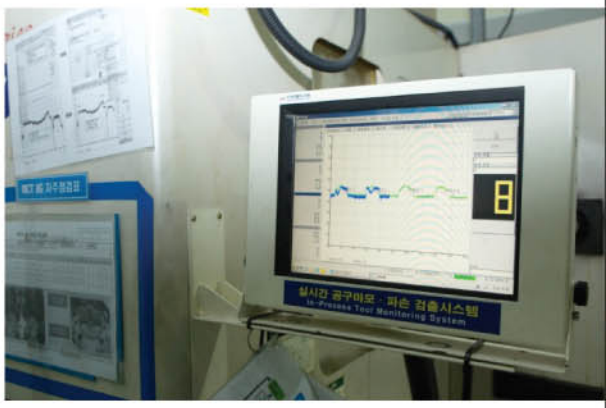
Local Solutions for Global Requirements



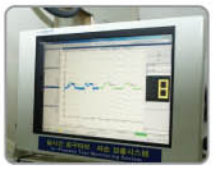
What is Special about DSM-1000

- Able to install at any manufacturing machines.
- It can monitor all tools in unlimited procedures.
- Automatically data basing all records for 30 days or more.
- Able to link up with any network system for remote monitoring.
- Able to select up to 8 measurement lines including the essential passing lines
- Various counter-measurements for "halting" such as immediate halt, after procedure halt or post manufacturing halt.
- At the alarming situation, it will notify with alarming lights and feed hold.





Main Components



Monitor



Power sensor



Sensor module



Signal terminal



Tool monitoring PC



Benefits of Tool Monitoring System

- Predictive analysis for tool life by monitoring tool wear and breakage
- Prevent the scrap/defects
- Reduce production cost and service requirements
- Checking machine spindle condition
- Ensures the required quality standard of work-pieces

HQ Office : **Dasan Machineries Co., LTD.**
798-5 Youngarm- Ri Bongdong-Eup, Wanju City, North Jeolla Province, Republic of Korea
Tel: +82-63-261-7917 / Fax: +82-63-261-0415 / Email: dasan@da-san.co.kr
Homepage: www.da-san.co.kr

Branch Office : **Dasan USA Inc.**
3200 Whilshire Blvd. #1207-South, Los Angeles, CA. 90010
Tel: 714-336-3338 / Email: jin.noh@dasanusa.com
Homepage: www.dasanusa.com