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Item # SK 400Z, SK 400Z Process Monitoring System

Easy to install sensors are bolted onto machine parts which are taking the loads from the cutting process such as drive arms for longitudinal or cross slides. These sensors measure the cutting forces and/or the acoustic emission signals. Alternatively, electrical power sensors are registering the power consumption of the electrical drive motors.

Specifications

Width without Yoke	230 mm
Height without Yoke	165 mm
Depth without Yoke	60 mm
Data Ports	Ethernet serial RS-232 Teleservice USB
Modular Software	Y
On Board PC	N
Digital Inputs	5
Digital Output	5
Sensor Inputs	Up to 16
Monitor	7 inch (in) TFT color touch-screen with high resolution
DC Supply Voltage	24 V
Supply Power	30 W
Weight	3.0 kg

Mounting Options	<ul style="list-style-type: none"> Floor pedestal Panel mount Swivel Yoke
Monitoring Functions	<ul style="list-style-type: none"> Intelligent re-start function after machine stops Mandon® reporting system Mandonic auto enveloping Part data memory Separate limits for collision, breakage, trend and idling TL filter function to eliminate unwanted stops caused by chip build up. Trending stop/go chart Variomaster function ensures proper monitoring of all stations when machine is emptying
Technical Features	<ul style="list-style-type: none"> EMR-proof, ergonomically designed flat enclosure, Outputs for machine data collection Part counters for job size, tool life, Unattended production runs with Eco-Stop and SPC intervals SKTelemasfer for teleservice Sorting and batching logic
Technical Data	<ul style="list-style-type: none"> Crank angle encoder option Data back-up (network or USB) High output digital signal amps Multi-color warning light (opt.) Powerful digital signal analysis processor RFID controlled user access
Features	<ul style="list-style-type: none"> Compact enclosure Data networking option Mandonic automatic enveloping system Multifunction Display Multiple Counters Protection against collision Simple to Operate Tool breakage monitoring Trend monitoring for wear User access controlled by RFID key
Applications	<ul style="list-style-type: none"> Metal cutting machines