

ALL  
NEW!



**SK 200**

AVAILABLE  
FEATURES:

SKAutomaster

SKPartmaster

SKProfilemaster

SKProzzymaster

SKPuzzlemaster

**Fully Automatic Envelope Monitoring  
Terminal with 4.3" Color Touch Screen**

The **SK 200** process monitoring terminal is a very cost efficient, high-performance system for monitoring up to 8 channels on all types of cold forming machinery. Fully automatic enveloping routines are used to set perfect monitoring control limits on machines such as cold headers, multi-station cold formers, thread rollers, and stamping presses. **SKPuzzlemaster** is provided to activate expert monitoring routines to detect specific types of errors in forming operations.

The **SK 200** is extremely simple to operate requiring the use of only one (1) button and the touch screen.

# Performance SK 200

## Monitoring Functions

- envelope monitoring of forming force signals (up to 8 channels)
- auto start feature after machine stop
- absolute force/machine loading profile
- Q-factor and Trending stop/go chart
- **SKProzzymaster** control software
- **SKPuzzlemaster** expert monitoring programs for special types of errors and forming operations
- extremely simple to operate
- self-explanatory screens with icon driven menus

## Technical Features

- newly designed operating surface
- 4.3" TFT color touch-screen
- EMR-proof, ergonomically designed flat enclosure,
- numerous mounting options (yoke, swivel, floor pedestal, panel mount)
- part counters for job size, tool life, unattended production runs, and SPC
- sorting and batching logic
- **SKTelemaster** for remote diagnosis

## Technical Data

- powerful digital signal analysis processor with up to 8 sensor inputs
- 5 digital outputs (including up to 4 relay outputs)
- 5 digital inputs
- connection for crank angle decoder
- data ports: serial RS-232
- production data collection interface
- high output digital signal amplifiers

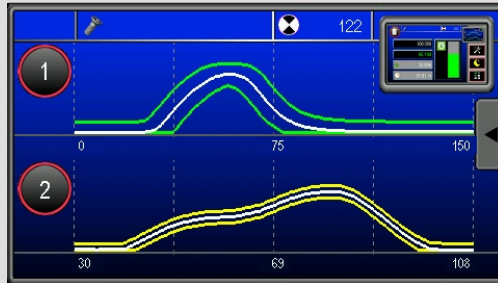
Dimensions (without yoke):  
230 W x 165 H x 60 D (mm)  
Supply: 24 VDC, 30W  
Weight: 2.3 kg

NOTE: A sensor box is needed when using more than six sensors.



Please note that some features are optional features even if not specifically mentioned. Modifications are without prior notice.

## Examples for display screens and functional features:



Dynamic envelope monitoring is applied to all channels. Up to 8 channels can be monitored with 2 being displayed simultaneously.

**SKProzzymaster** automatically calculates the correct envelope limits to match each forming process perfectly. **SKPuzzlemaster** is provided for easy and quick activation of expert monitoring routines.



Easy-to-set part counters are available for controlling

- order size
- tool life
- unattended production runs
- batching
- SPC inspection intervals

All counters show preset quantity and current count. Machine stops when reaching preset counts (if activated).

### Simple installation: Plug and Go!!

All connections are very easily plugged-in making the installation quick and secure. The software is designed to auto-tune to the running process. No settings needed!

