

# Recorders



# Paperless recorder JUMO LOGOSCREEN nt

- operating “turn & press” operation through a single control knob
- 27 counters/integrators
- web server with online visualization
- modular hardware concept:
  - up to 18 internal analog inputs
  - up to 24 internal binary I/Os
  - in addition, up to 24 external analog inputs and binary I/Os each, as well as up to 18 math and logic channels
- interfaces: RS232/485 (Modbus), ETHERNET, four USB port, RS232 (barcode reader), PROFIBUS-DP (option)
- batch reports: up to three batches can be recorded at the same time, independently of each other



further information: Data Sheet 70.6581

# Paperless recorder JUMO LOGOSCREEN nt with stainless steel front

- Touch-Pad Operation
- Stainless Steel Front Frame with Safety Glass Screen
- ATEX-Approval for use in Zone 1  
Ex-Marking: II 2G Ex px IIC,  
II 2D Ex pD 21 IP 65
- 27 counters/integrators
- web server with online visualization
- modular hardware concept:
  - up to 18 internal analog inputs
  - up to 24 internal binary I/Os
  - in addition, up to 24 external analog inputs and binary I/Os each, as well as up to 18 math and logic channels
- interfaces: RS232/485 (Modbus), ETHERNET, four USB port, RS232 (barcode reader), PROFIBUS-DP (option)
- batch reports: up to three batches can be recorded at the same time, independently of each other
- Vibration Test to KTA 2505,  
for Applications in Nuclear Power Engineering



further information: Data Sheet 70.6581

# Paperless recorder JUMO LOGOSCREEN cf

- six or twelve universal measurement inputs, electrically isolated, test voltage 500V, minimum sampling rate 125msec for twelve measurement inputs
- expansion to 36 measurement channels (mTRON, PROFIBUS-DP, Modbus)
- Ethernet interface
- data storage in internal memory and/or on CompactFlash® card (64 to 256Mbyte)
- life cycle archiving concept
- batch reports
- online connection to the SVS-2000N Process Visualization software
- configurable via modem or Ethernet interface
- bezel size 144 mm x 200 mm, depth behind panel 200 mm



further information: Data Sheet 70.6570

# Paperless recorder JUMO LOGOSCREEN es

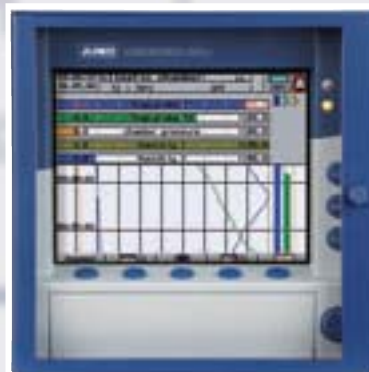
- six or twelve universal measurement inputs, electrically isolated, test voltage 500V, minimum sampling rate 125msec for twelve measurement inputs
- expansion to 36 measurement channels (mTRON, PROFIBUS-DP, Modbus)
- Ethernet interface
- data storage in internal memory and / or on CompactFlash® card (64 to 256 Mbyte)
- life cycle archiving concept
- batch reports
- online connection to the SVS-2000N Process Visualization software
- configurable via modem or Ethernet interface
- bezel size 144 mm x 200 mm, depth behind panel 200 mm
- stainless steel front (on request)
- designed for use with enhanced safety requirements
- special access control via user list
- data recording in compliance with FDA 21 CFR Part 11



further information: Data Sheet 70.6560

## Paperless recorder JUMO LOGOSCREEN 500 cf

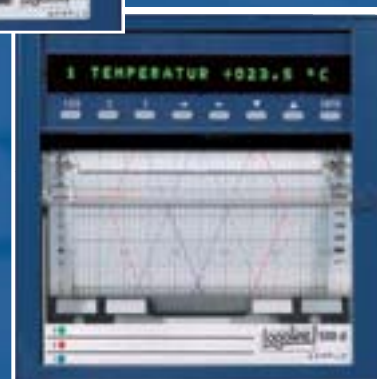
- 3/6 measurement inputs for resistance thermometer, thermocouple or standard current/voltage signals
- four binary inputs for the acquisition of operating states
- data storage on external CompactFlash® card (64/128/256 Mbyte to 2 Gbyte addressable)
- RS232/RS485 interface
- Ethernet interface
- six freely configurable recording channels with Min./Max. limit monitoring
- six math channels with linkable formula input (sin(), cos(), sqrt()...)
- six integrator/counter/operating time channels for the evaluation of different recording periods
- teleservice/web server
- easy-to-use PC evaluation and configuration software



further information: [Data Sheet 70.6510](#)

## Pen recorder JUMO LOGOLINE 500 / 500 junior / 500d

- bezel size 144 mm x 144 mm, depth behind panel 227 mm
- LOGOLINE 500 and 500 junior with scales
- LOGOLINE 500d with display
- self-aligning writing system with fiber pen
- one, two or three universal measurement inputs for thermocouples, resistance thermometers, resistance transmitter, potentiometer and standard signals (current/voltage)
- printing of text, date, time, speed, measurements, scaling and statistics
- integrated math and logic module
- logic inputs for operating functions
- eight limit outputs via external relay module
- chart cassette for roll and fanfold chart
- operation and configuration from recorder keys or via PC setup program
- serial interface RS422/485

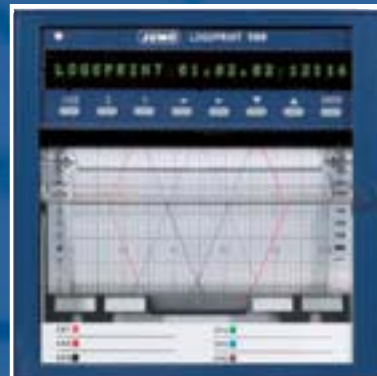


further information: [Data Sheet 70.6000](#)

# Printing recorder

## JUMO LOGOPRINT 500 / LOGOPRINT 500 junior

- bezel size 144 mm x 144 mm, depth behind panel 227 mm
- print head with three or six colors
- three or six universal measurement inputs for thermocouples, resistance thermometers, resistance transmitter, potentiometer and standard signals (current/voltage)
- printing of measurement traces and event tracks
- printing of text, date, time, speed, scaling and statistics
- peak-value recording and integrated math and logic module
- logic inputs for operating functions
- limit monitoring, internally and via external relay module
- chart cassette for roll and fanfold chart
- operation and configuration from recorder keys or via PC setup program
- serial interface RS422/485



further information: Data Sheet 70.6030

## Universal carrying case

- dimensions: 327 mm x 169 mm x 350 mm (WxHxD)  
cut-out: 138 mm x 138 mm
- to take recorders with 144 mm x 144 mm and 144 mm x 200 mm bezel sizes
- optionally for
  - printing recorder, process recorder, for 1-6 channels
  - pen recorder for 1-3 channels
  - paperless recorder
- direct connection for current, voltage, resistance thermometers, thermocouples
- recorders can readily be retrofitted
- Applications in mobile operation:
  - service
  - quality control
  - to meet statutory requirements
  - fault analysis
  - monitoring

