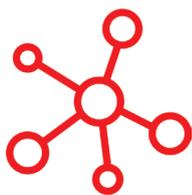# Sedomat 6007

DESIGNED FOR
INDUSTRY 4.0

Cost-effective controller for a high degree automation

Designed for the Smart Factory

The Sedomat 6007 is a cost-effective solution for a high degree automation specially designed to meet the requirements of Industry 4.0. It comes with a user-friendly 7" touch display and is equipped with Modbus RTU (RS232). It already includes a PLC which can be adapted with programming tools and can be optionally equipped with internal and external I/O boards to meet the different requirements of yarn, fabric and other types of dyeing machines.

A more sustainable competitive production can be realized due to the integration of SedoMaster and other dye house systems via Ethernet, OPC UA and MQTT interfaces. Also, data acquisition or the use of Sedomat 6007 as production client is possible by optional RFID support.
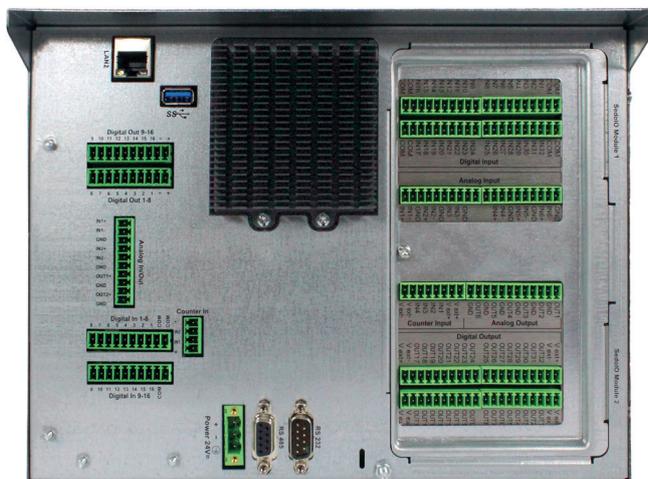
Like all Sedo Treepoint controllers the Sedomat 6007 guarantees high quality and reliability in rugged production environments.

SedoTreepoint

Experts in process optimization

Internal I/O board options

- Embedded internal I/O board IO16/2 with 16 digital I/Os, 4 software counters (2 kHz),
  2 hardware counters (10 kHz), 2 analog inputs, 2 analog outputs
- Internal I/O board IO32/6 with 32 digital I/Os, 4 software counters (2 kHz),
  4 hardware counters (10 kHz), 6 analog inputs, 6 analog outputs

Specifications		Sedomat 6007
Capacitive touch display		7"
Bus systems (Master)	CANopen®	-
	PROFIBUS DP®	-
	Modbus RTU (RS232/485)	✓
	Modbus TCP	✓
Internal I/O boards	I/O board IO16/2*	1
	I/O board IO32/6*	1
SedoIO	Internal modules*	2
	External modules*	1
Interfaces	RS232 interface	✓
	RS485 interface	✓
Ethernet (RJ45), 1 GBit/s		1
USB 2.0 port / USB 3.1 port		-/1
Wi-Fi		-
OpenVPN Client		✓
OPC UA Server, MQTT Server		✓
RFID reader*		✓
mPCIe slot		-
mSATA slot		-
IP67 protection		✓
Power supply 24 V DC, 1.0 A		✓
Ambient temperature 0 - 60 °C (32 - 140 °F)		✓
Dimensions (wxhxd)		285 x 216 x 65 mm
Panel cut-out (wxh)		270 x 196 mm ± 1 mm

*Optional configuration, customized to individual needs.

▲ Connections and interfaces Sedomat 6007

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