

# SECOM 575<sub>CE</sub>

Touch screen controller for discontinuous dyeing processes

**Simplest operation, outstanding efficiency and a high level of security – experience the unique operation concept of the SECOM 575<sub>CE</sub>.**

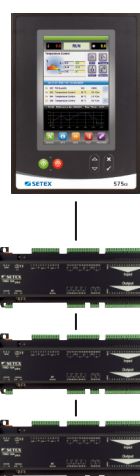


SECOM 575<sub>CE</sub> is the ideal companion for the performance and cost-effective full automation to all kinds of dyeing machines.

Corresponding to the complexity of today's dyeing machines for yarns, fabrics or other types, the modular I/O concept is already designed for the required variations. It is particularly suitable for supplementing the existing SETEX CE controlled production floor. For a safe, clear and fast maintainable cabling of the machine technology, the integrated PLC works with decentralized input/output systems as FMD modules and SETEX Compact Rack.

The proven and reliable fanless SECOM 575<sub>CE</sub> technology is the ideal choice for long-term industrial operation.

## Application



**SECOM 575<sub>CE</sub>: max. 3**  
FMD 8A to FMD 32A<sub>plus</sub> modules are selectable

### SECOM 575<sub>CE</sub> with integrated PLC

TFT display	7"
Resolution	WVGA
Touch control	•

Functionality	
Parallel functions	4
Maximum no. of functions	50
Look ahead/batch overlapping	•
Statistics	•
Integrated formula/time management	•
Short intervention/manual functions	•
User management	•
Production data acquisition (PDA)	•
Internet service portal	•
Data transfer and backup	USB stick

Interface	
OrgaTEX	•
Fieldbus	DIOS
USB	•

Internal PLC SC26 (IEC1131, CoDeSys 2.3)	•
PLC to PLC communication	•

Max. connections FMD modules or Compact	3
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Max. Inputs/Outputs (FMD modules)	
Digital inputs	96
Digital outputs	96
Analog inputs	
PT 100	9
0/4–20 mA	12
Analog outputs	
0/4–20 mA	12
Counter inputs	8



## Technical specification

### Hardware

Mass-storage-system: industrial SD card

### Display

7" TFT color display

Resolution: 480 x 800 Pixel

### Functions

Each step: 1 main/4 parallel with  
6 function parameters each

Number of functions: 50 out of 1000

Programs: max. 9999

### Interfaces

RJ45: Ethernet, 10/100 MBit  
(OrgaTEX)

RJ45 – Service: Ethernet, 10/100 MBit  
(CoDeSys, PLC to PLC  
communication)

USB: 1 x USB (rear)

DIOS: FMD modules, Compact

### Integrated UPS

Power loss protection for minimum 5 sec

### Input voltage

Nominal voltage: 24 V DC

Range permitted: 18–30 V DC

### Power

Inrush current: up to 12 A for max. 5 ms

Operation current: approx. 500 mA

Power consumption: 12 W (500 mA at 24 V)

### Protection system

Front: IP 54

Rear: IP 21

### Ambient conditions

Operating temperature: 0...+50 °C (32...122 °F)

Storage temperature: 0...+70 °C (32...158 °F)

Relative humidity: 15–95% no condensation

### Dimensions (W x H x D)

185 x 260 x 80 mm

### Weight

approx. 1300 g

## Scope of delivery

### Art. no. STS62003

1 Controller SECOM 575<sub>CE</sub>

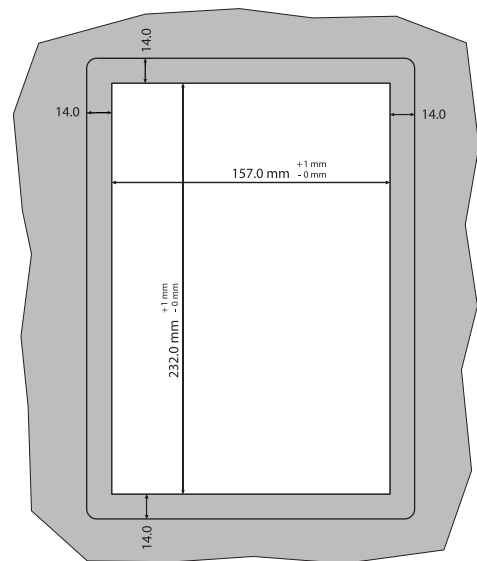
with plug-in PLC SC26 (CoDeSys 2.3) and DIOS interface

1 SECOM mounting devices

1 SECOM connecting devices



Bottom view SECOM 575<sub>CE</sub>



Dimensions: 185 x 260 x 80 mm (W x H x D)

Panel cutout: 157 x 232 mm (W x H)

Installation depth: 75 mm