

# SECOM 747<sub>CE</sub>

Windows CE.net controller for discontinuous dyeing processes

Simple operation, outstanding efficiency and a high level of security – experience the unique operation concept of the SECOM 747<sub>CE</sub>.



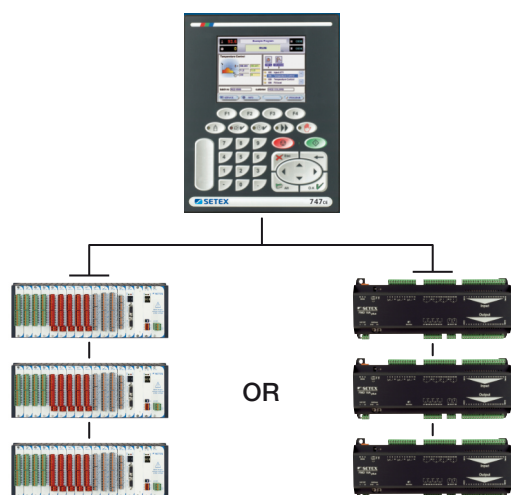
SECOM 747<sub>CE</sub> is the ideal companion for the cost-effective full automation to all kinds of dyeing machines.

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 747<sub>CE</sub> technology is the ideal choice for long-term industrial operation.

## Application



SECOM 747<sub>CE</sub>: max. 3 Compact racks or  
FMD 8A to FMD 32A<sub>plus</sub> modules are selectable

### SECOM 747<sub>CE</sub> with integrated PLC

TFT display	5.7"
Resolution	VGA
Keyboard	•
<b>Functionality</b>	
Parallel functions	12
Maximum no. of functions	200
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
<b>Interface</b>	
OrgaTEX	•
Fieldbus	DIOS
USB	•
<b>Internal PLC SC26 (IEC1131, CoDeSys 2.3)</b>	
PLC to PLC communication	•
Max. connections FMD modules or Compact	3



## Technical specification

### Hardware

Mass-storage-system: industrial SD card

### Display

5.7" TFT color display

Resolution: 640 x 480 Pixel

### Functions

Each step: 1 main/12 parallel with  
6 function parameters each

Number of functions: 200 out of 1000

Programs: max. 9999

### Interfaces

RJ45: Ethernet, 10/100 MBit  
(OrgaTEX)

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

USB: 1 x USB (rear)

DIOS: FMD modules, Compact

### Integrated UPS

Power loss protection for minimum 10 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: 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)

205 x 260 x 86 mm (without connector)

### Weight

approx. 2300 g

## Scope of delivery

### Art. no. STS66021

1 Controller SECOM 747<sub>CE</sub>

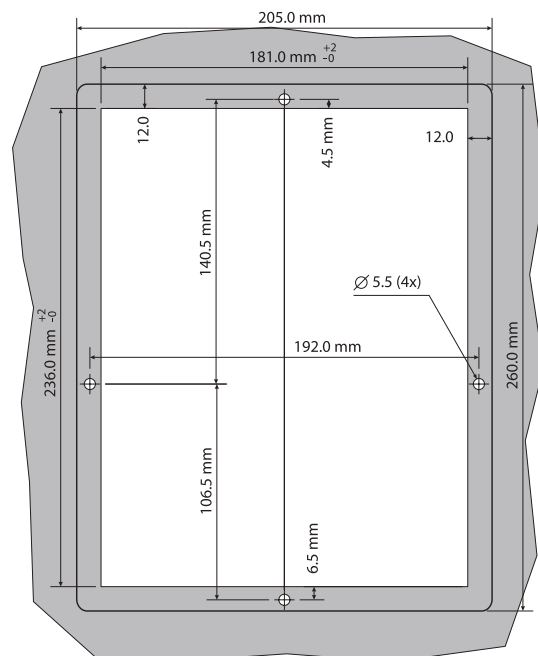
with plug-in PLC SC26 (CoDeSys 2.3) and DIOS interface

1 SECOM mounting devices

1 SECOM connecting devices



Bottom view SECOM 747<sub>CE</sub>



Dimensions: 205 x 260 x 86 mm (W x H x D)  
Panel cutout: 181 x 236 mm (W x H)