

# dose PFI

parallel colour processor

Realisation and scalability of comparative trials are the key factor when it comes to achieving an effective laboratory result.



The PFI, available with 2, 4 or 6 drums and with 1, 2 or 3 heating circuits.

Drum Ø: 300mm  
Drum width: 150mm  
Drum volume: 10 liters  
Including stepless speed control up to 45 rpm  
Motor power: 0.4 kw

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The parallel colour unit employs reliable technology with latest iPControl system, adapting to requirements to meet every expectation of a machine utilised for comparative trials.

A drum pair is supplied by a heating circuit, thus ensuring ideal heating conditions for comparative operation.



The temperature range is between 20°C and 80°C. Desired and actual values can be controlled separately for each heating circuit.

The effective heating system ensures a maximum difference of only 2° between the float and heating circuit temperature. A sound basis for achieving your test results.



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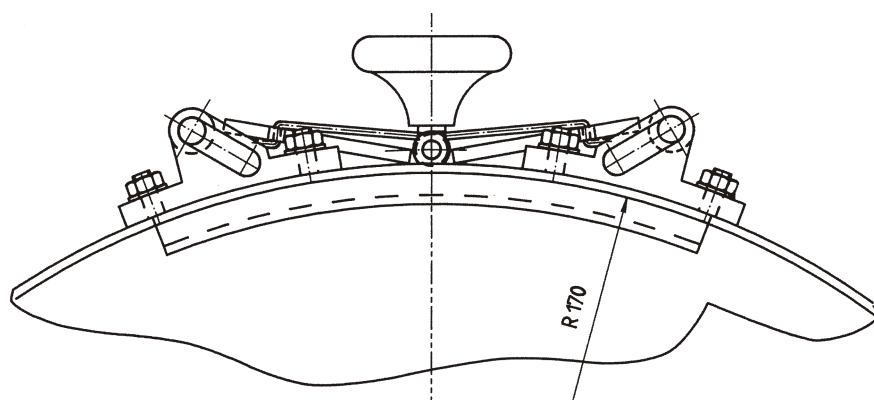
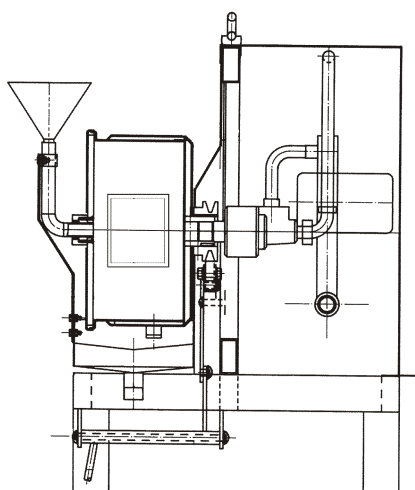
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The drums are driven by one belt drive with electric motor, all can be disconnected separately during operation.

On the basis of selected drive system special drum protectors are needless and facilitates the laboratory work.



An robust sliding door with draining screen simplifies additionally the machine handling. Admixtures are easily made by funnel in front of the drum, or directly through door opening.



Motor running and stop times and continuous speed control can be adjusted, enabling additional enhancement of PFI performance.

The direction of rotation reverses automatically after each stop.

PFI - State of the art in your laboratory

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iPControl system with touch screen

**WinPfi**

Order : 12345  
 Job : Dose Test  
 Recipe : Test Recipe  
 Weight : 0.60 Kg  
 Status : Process running  
 Started : 01:00:00 02.05.02

30.0°C 30.0°C 29.7°C 29.7°C 30.3°C 30.3°C

Runtime: 000:05:00      Pausetime: 000:00:00  
 Rotation speed: 05

Heating zone: 1  
 Set temp. : 45.0°C  
 Time ramp : 0:00:00 hrs:min:sec  
 Heating zone: 2  
 Set temp. : 30.0°C  
 Time ramp : 0:00:00 hrs:min:sec  
 Heating zone: 3  
 Set temp. : 60.0°C  
 Time ramp : 0:00:00 hrs:min:sec

001 Label: Beginning  
 002 Drum Rotation    Rotation speed: 01  
      R-time: 00:05:00   P-time: 00:00:00  
 003 Wait    00:05:00  
 004 Goto Beginning  
 005                    END OF PROCESS  
 006                    END OF ALL SUBRECIPES

Time till activation of next step  
 01:00:00    hrs:min:sec

001

**WinPfi**

Manual operation

30.0°C 30.0°C 29.7°C 29.7°C 30.4°C 30.4°C

Heating zone: 1  
 Starttemp. : 00.0 °C    STOP  
 Endtemp. : 50.0 °C  
 Time ramp : 000 : 00 : 00 hrs:min:sec  
 Heating zone: 2  
 Starttemp. : 00.0 °C    STOP  
 Endtemp. : 00.0 °C  
 Time ramp : 000 : 00 : 00 hrs:min:sec  
 Heating zone: 3  
 Starttemp. : 00.0 °C    STOP  
 Endtemp. : 00.0 °C  
 Time ramp : 000 : 00 : 00 hrs:min:sec

Runtime: 004 : 15 : 46  
 Pausetime: 000 : 00 : 03  
 Rotation speed: 05

STOP

021