

Leather processing systems

Designed by **dose**

dose PF

parallel colour processor

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



The PF, 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

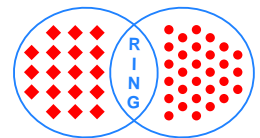
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The parallel colour unit employs reliable technology with latest iControl system, adapting to requirements to meet every expectation of a machine utilised for comparative trials.

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



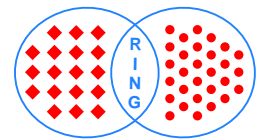
The temperature range is between 20°C and 80°C.

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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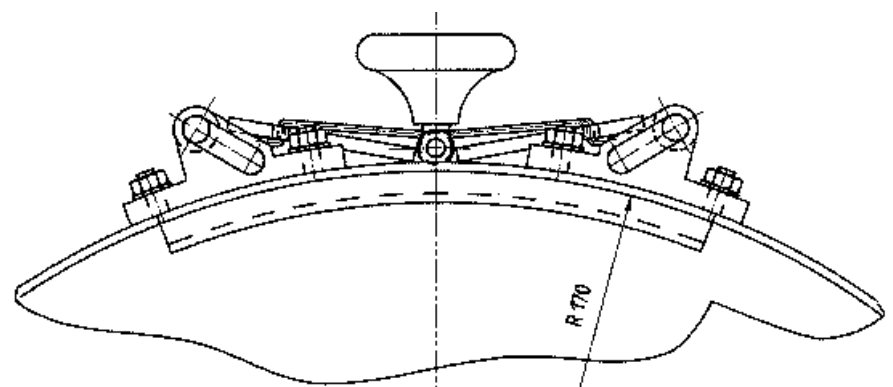
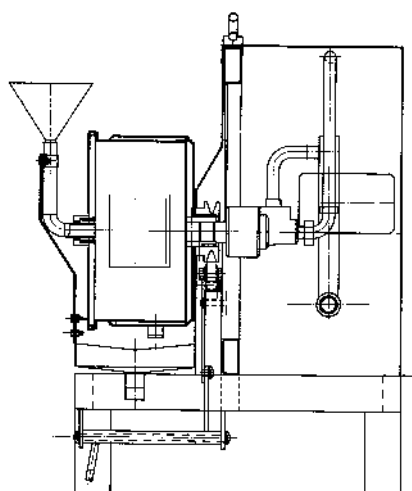
parallel colour processor

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.



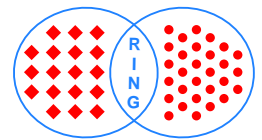
An robust sliding door with draining screen simplifies additionally the machine handling. Admixtures are easily made by funnel in front of the drum, or directly through door opening.



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

The direction of rotation reverses automatically after each stop.

PF - 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

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

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

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

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

002