

P 1 - 6 Laboratory Mixer



Discharge valve, chopper coupling and safety switch.

Hundreds of DIOSNA P 1-6 are used all over the world. The experiences and requests of the users have induced us to revise this compact laboratory machine comprehensively under consideration of the latest technical possibilities and trends.

The result is a completely new generation. Operation of the „New One“ is a pleasure with several new highlights.

The omission of the safety cover, the pneumatic chopper coupling and the detachable tablet PC allow the installation of the P 1-6 in an isolator.



5.7" Touch Pad.



P 1 - 6
Laboratory Mixer.

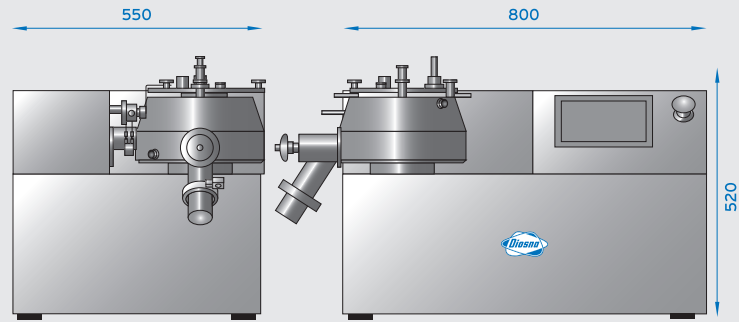


Attached tablet PC.

Many users have asked for it, now it is available: we offer a manually actuated outlet. A limit switch assures that the machine is not operated with open bowl. A protection cover is not necessary. The chopper is coupled/dis coupled pneumatically.

In basic design the mixer is equipped with a 5.7" Touch Pad (TP 177B, Siemens) and a Siemens PLC S7-200. Alternatively to the operation by the Touch Pad we offer a tablet PC. The robust PC (IP 65!) communicates with the integrated PLC via WLAN and upon request with the network of the customer. The software (Wonderware InTouch) corresponds to those of the "big DIOSNA's" and allows extremely comfortable visualization, operation and recording. Manual and automatic operation are possible. For the impeller the number of revolutions, the tip speed and the Froude number are displayed.

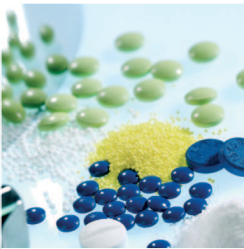
Technical Data and Dimensions



Parameter		P 1 - 6
Dimensions (WxDxH)	mm	550 x 800 x 520
Bowl sizes	l	0,25; 0,5; 1; 2; 4; 6
Mixer motor power	kW	1,0
Impeller tip speed	(m/s)	0,7 - 7
Chopper motor power	kW	0,18
Chopper speed	min - 1	220 - 2.200

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Processing plants for the pharmaceutical industry.



DIOSNA delivers systems for the mixing, granulating, drying and coating processes as laboratory, pilot and production scale equipment. Beginning with competent technical consultation about the applications, followed by process development and plant engineering to turn-key supply we offer an individual package which meets your requirements: from the overall concept, through functions and controls to the smallest details.

- Mixer-Granulators
- Fluid-Bed-Batch-Processing Plants
- Single Pot Systems
- Film Coating Plants



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