

# Products to be exhibited at Interpack 2017

## Coater Module for MINILAB XP

The MINILAB XP is a specially developed laboratory processor to optimize R & D work. If you are interested in drying, spray or melt granulating, powder coating or Wurster processing on a laboratory scale, the MINILAB can help. The Coater Module for MINILAB XP is a perfect choice to catch one more important topic of the pharmaceutical industry with just one unit.

The coater module operates like a horizontal coater and has a glass lid for a good process observation. The use of the coater module for film coating in laboratory scale allows working with batch sizes up to 3 kg. The coater modules are easily changeable by a supporting frame that is included in the scope of supply. Using the coater module highly increases the flexibility of the MINILAB XP and keeps the size of the MINILAB XP unit nearly the same. The comfortable handling and great reproducibility of the MINILAB XP remain as usual.

## Rapid change fluid bed processor CAP 10-80 RC

Fluid bed processing is the best method for drying processes found on their good heat exchange and mass transfer behaviour. Also the high drying speed, excellent mixing quality and individualized particles allow for a specific alteration of the product's physical properties. Spray granulation or coating processes can be carried out with either top-, bottom-, or tangential spray processes to transform an active substance into the required product form.

The rapid change fluid bed processor CAP 10-80 RC is a fluid bed processor in pilot plant scale which allows an easy exchange of material bowl in different sizes. This offers the possibility of a wide range of batch sizes. The material bowl is installed on a trolley for an easy exchange. In addition the middle part of the column is swivelling to the side, which allows an easy access to the filters. One more advantage is the low height of the processor which allows an installation in rooms with low ceiling height. Additionally the fluid bed dryer has all the benefits of the fluid bed batch processor by DIOSNA like the through-the-wall-installation for a strict separation of technical and production area or the pressure shock resistant processor performance.

An optimal combination of the rapid change fluid bed dryer is possible with the pharmaceutical mixer P/VAC 10-80 RC.

## P 1-6 Laboratory Mixer

The Laboratory Mixer P 1-6 by DIOSNA is a compact, comfortable and easy to operate processor for mixing and granulating. The mixer has interchangeable bowls that are available in sizes of 0.25 to 6 litres. An easy operating and simple cleaning is realized by a user-friendly bench top version and a PLC with touch screen panel. To get an optimal result and an adaption on the production scale there is a variable speed drive and an optionally available bowl with jacket and temperature measurement. For easy operating the PTFE shaft seal can be dismantled without tools. For safety reasons the laboratory mixer has a limit switch assures so that the machine cannot operate with the bowl open.