

Press release MoDoS[®] at ACHEMA 2015

title **MoDoS[®] – Modular Dosing System for
continuous production**

subtitle **June 15th, 2015: The Modular Dosing System (MoDoS[®]) from
HNP Mikrosysteme is a tailor-made pump system for
continuous delivery in fine chemical and pharmaceutical
production. MoDoS[®] is synonym for a design concept and a
modular component system, forming the base for the
concept development of a customized pump module.**

text The current development of Flow Chemistry, from lab
research passing through pilot plants, up to production
scale, opens new possibilities for fine chemical
production. Small structures allow carrying out
reactions in previously inaccessible process windows.
Temperature, pressure and mixing ratios, which were not
possible in classical batch procedure, can now be
successfully implemented. In contrast to previous times,
lower flow rates of higher concentrated chemicals are
used for the purposes of resource conservation.

Holistic turnkey pump system solutions such as MoDoS[®]
facilitate the integration into the system and give the
planner the opportunity to deal more intensively with
the actual process. The special value for the customers
of the modular solutions of HNP Mikrosysteme is set in
particular, in the integration of carefully selected and
proven fluid power system components. The therefore
necessary know-how is the basis for a stable and
process-reliable operation of the overall system.

Heart of the system is a micro annular gear pump.
Depending on customer requirements, pumps of the
hermetic inert series or the high performance series are
used. Further modules among others are filters, sensors
and flow meters.

The rapidly mass flow control ensures high process
stability and constant volume flows of 1 µl/h to
1152 ml/min.

Further information about the company and products can
be found at www.hnp-mikrosysteme.de

photo



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Micro annular gear pumps are the heart of the modular dosing system MoDoS

We kindly invite you to visit us at ACHEMA 2015
at **booth J95 in hall 8.0.**

Print free of charge.

Please send printed copy to following address:

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