



In our laboratories we use only UOSlab high-pressure reactors for the purpose of developing new synthetic methods in medicinal chemistry and for synthesis of model compounds. The reactors are convenient in use and meet all the safety standards

Prof. Igor Komarov
Institute of High Technologies



Enamine Ltd has been using a wide range of UOSlab high pressure reactors for its own research and development programs for over 10 years

Pavel Mykhailiuk, Ph.D.
CSO, Enamine Ltd.



High-pressure reactors



Ukrorgsyntez Ltd is the first company in Ukraine, which implements professional approach solving needs of our consumers. We draw on our scientific and practical experience to implement different projects for our clients.

Ukrorgsyntez Ltd is a manufacturer of high pressure reactors, magnetic and overhead stirrers, drying ovens and sterilizers, laboratory shakers and laboratory furniture under UOSlab trade mark.

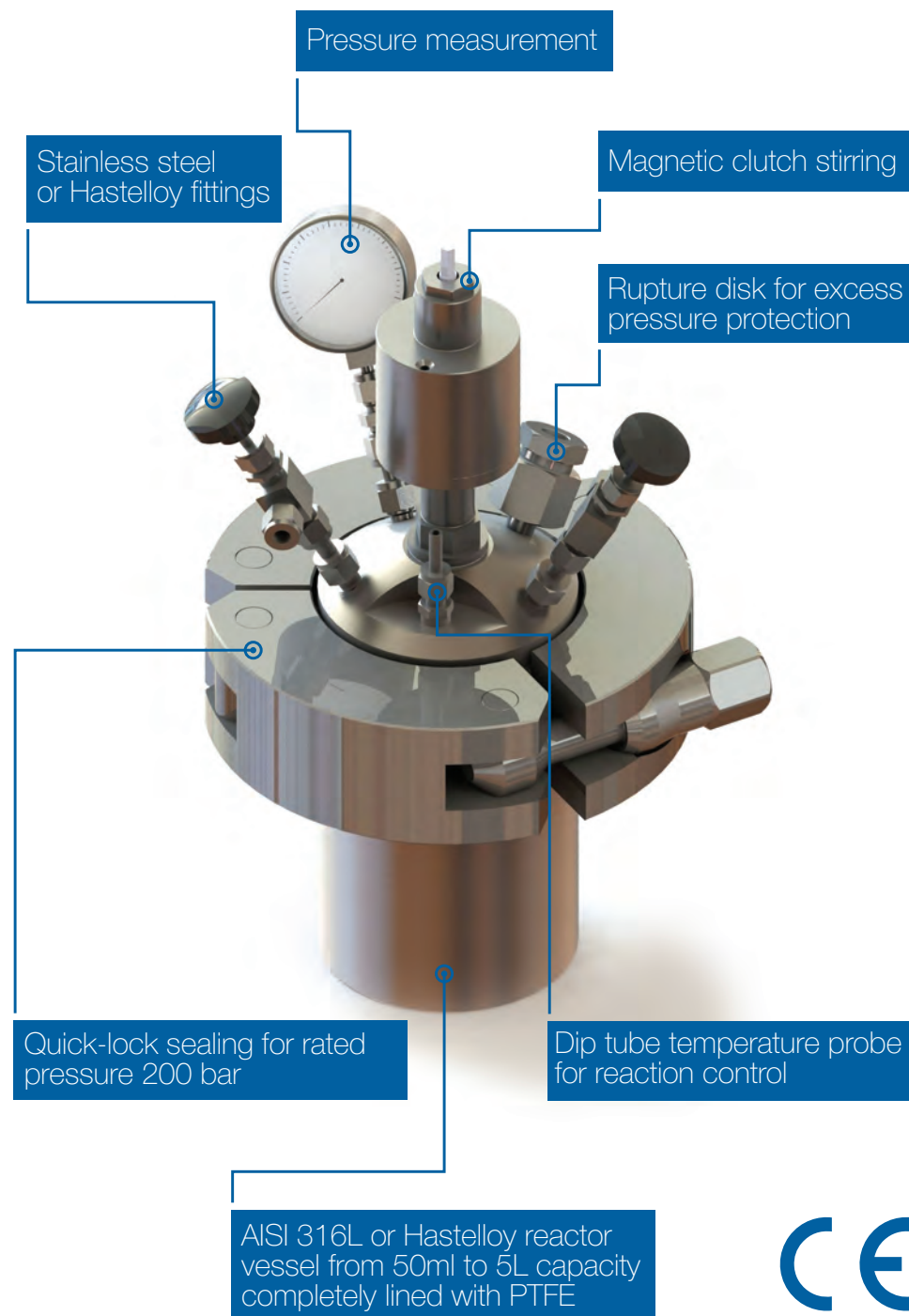
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UOSlab® High-pressure reactors are intended for carrying out chemical reactions and physical processes under high pressure and temperature conditions. Technically safe rated operating pressure of UOSlab reactors reaches up to 200 bar at 250 °C.

High-pressure reactors range covers models from 25 to 5000 ml as well as custom-made solutions. UOSlab high pressure reactors are available in stainless steel AISI 316L (standard models) or AISI 316Ti with PTFE lining and Hastelloy alloys depending on performed reactions, processes or tests.

High pressure reactors are designed, built and tested in compliance with Directive 2014/68/EU Module B.



Model	Vessel volume, ml	P, bar	T, °C	Features
RVD-1	25, 50	200	250	Heating and stirring with magnetic stirrer. Passive heating unit
RVD-2	150 - 500			
RVD-3	700 - 5 000			
RVDS	1 000 - 5 000	60	250	Magnetic clutch stirring. Controlled by electric heating unit
	10 000 - 20 000	10	200	

