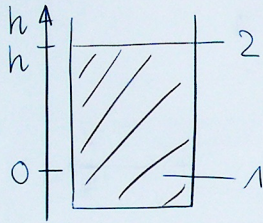


Bsp.: Hydrostatik
(spez. $\nu \equiv 0$)



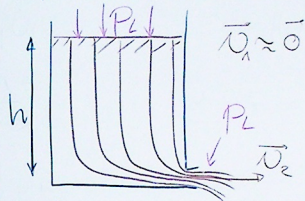
B.Gl. $p_1 + 0 + \rho g \cdot 0$
 $= p_2 + 0 + \rho g \cdot h$
 $\Rightarrow p_1 = p_2 + \rho g h$

Druckmessung in Strömungen



$\Rightarrow p = p_L + \rho g h$

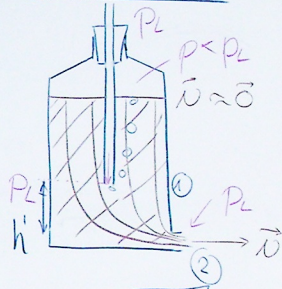
Bsp.: Infusion



B.Gl.

$p_L + 0 + \rho g h$
 $= p + \frac{1}{2} \rho v_2^2 + 0$
 $\Rightarrow v_2 = \sqrt{2gh}$

Mariott'sche Flasche



$\Rightarrow v = \sqrt{2gh'}$
 $= \text{konst.}$