

# uMc automated pressure control

**One-click automated pipette cleaning when used with the uMp micromanipulator system!**



Fully automated and robust with in-built calibration feature

Fast 4 ms switching between the regulated pressure and user/ATM

High performance:  
-70 kPa to +70 kPa range,  
7 Pa resolution and  $\pm 140$  Pa accuracy

Short latency PC control - open-source SDK and Python wrappers available

Learn more about the dramatic throughput increase achieved by introducing automated pipette cleaning to multi-patching: [science.sensapex.com](https://science.sensapex.com)

Trusted by customers worldwide

# uMc automated pressure controller

 Please visit our webstore for pricing: [shop.sensapex.com](https://shop.sensapex.com)


## uMc-PPC1 / PPC4 | 8 Pressure controller

<b>Channels:</b>	1 / 4   8
<b>Output range:</b>	-70 kPa to +70 kPa
<b>Resolution:</b>	7 Pa
<b>Accuracy:</b>	±140 Pa
<b>Supply (min):</b>	+77 kPa and -77 kPa
<b>Switch time:</b>	4 ms (regulated vs. user/ATM)
<b>DAQ IO interface:</b>	optional / included
<b>Dimensions:</b>	128 x 204 x 52 mm / 483 x 357 x 44 mm

[shop.sensapex.com/product/umc-ppc-1](https://shop.sensapex.com/product/umc-ppc-1)  
[shop.sensapex.com/product/umc-ppc-8](https://shop.sensapex.com/product/umc-ppc-8)

## uMc-INS-PM pipette cleaning insert

Dedicated clean and rinse wells for each pipette (up to 4)  
 Auto-filling from large integrated reservoirs  
 Magnetic attachment to the Warner PM platform  
*Ask for other chamber and stage adapter options*

**Dimensions:** 120x95x123 mm

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## uMc-PRF pre-regulator and filter unit

<b>Input pressure (min.)</b>	+100 kPa   -88 kPa
<b>Output pressure</b>	+80 kPa   -80 kPa
<b>Dimensions</b>	304 x 467 x 163 mm

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