



Produce precision microfluidics at scale.

With the advanced technology, expertise and dedicated partner you need.

Canon Virginia, Inc. combines microfluidics expertise with proprietary machining technology that helps you achieve your vision quickly and cost-effectively.

Our microfluidics expertise and technology can enable you to:



Achieve high precision. High quality relies on high precision, which requires machine technology that performs at the micron level. With our proprietary technology, we can make injection molds with features smaller than the thickness of human hair.



Scale for mass production. Large-scale manufacturing of microfluidic parts can be achieved through repeatability in a molding machine and a consistent, efficient process. But you also need the expertise of a partner who understands precision injection molding inside and out – and who has the capacity and technology to produce it at scale.



Cut costs. Plastic microfluidic devices are ideal for economical, high-throughput production. Our team has been successful in designing plastic injection molds that achieve both manufacturability and maintenance efficiencies, which can reduce overall costs.

Small packages, smart technology.

Canon Virginia, Inc.'s proprietary machining technology provides micro-precision with efficiency and quality.

CAPABILITIES

**Surface finish roughness
(from machining without polishing)**

Form accuracy (P – V)

SPECIFICATIONS

RA 5 nm

30 nm

Experience exceptional quality, value and unwavering commitment.

Canon Virginia, Inc. is your same-source partner for plastic injection molding and microfluidics technology. Our passion is helping you solve your challenges and realize your visions – all with efficiency and precision. Together, we are makers of possible. Learn more about how we can help achieve your vision with microfluidics at cvi.canon.com/mfg.

