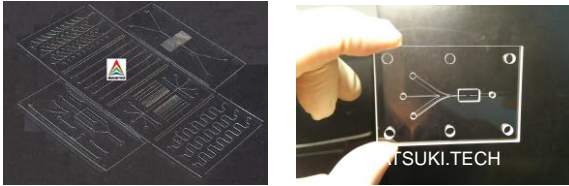




Akatsuki Tech Co Ltd 曉明技術

R&D / Mass-Production of Ultra-High-Precision, Optical, Fluidic or Mechanical Core Parts

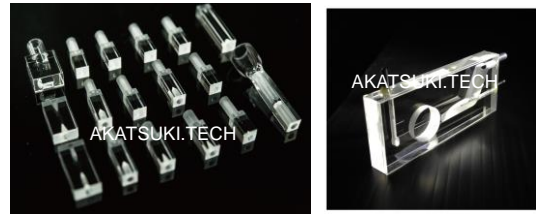
超高精度玻璃等材質的光學/機械部品, 特殊加工法研發與生產



Various **MicroChips** for MEMS (Glass / PDMS)

超微細流路(生物芯片)等

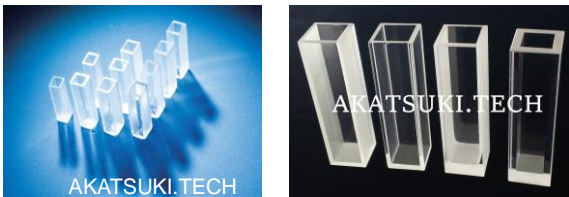
- DNA Diagnosis 核酸診斷用
- **Electrophoresis** 電泳等
- **Bacterial** counters 細菌計數等
- Channel Size 流路尺寸: $1\ \mu\text{m}$ ~



Flow-Cell of Optical / Imaging Particle Counter

光學式/影像式微粒子計數儀用流動池

- Liquid Particle Counters (Cytometry of Blood or Urinal etc.) 血球/尿有形/細菌計數分析儀用
- Solid Particle Counters (for Water, Air or other fluids) 超純水/空氣中等微粒子計數等
- Channel size 流路尺寸: $1\ \mu\text{m}$ ~



Pyrex **Molded Cuvette Cell** 成型硬質玻璃 比色皿

Precision Quartz **Optical Bonding Cell** 石英高精度鍵合比色皿

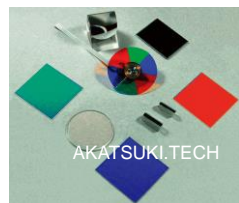
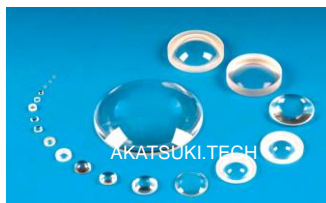
- **Biochemical Spectrum Instrument** 生化分析儀用
- Light Path 光程長: $1\sim 20\ \text{mm}$
- General Type 通用型: $4\times 5, 5\times 5, 4.9\times 6\ \text{mm}$



Various Special Glass-made Optical Cells

特殊玻璃超高精度光學部品

- **Glass Materials:** Sapphire, Quartz, Pyrex etc.
材質: 光學藍寶石、超純度石英、PYREX 等
- UHV Cell 超高真空腔: $\sim 10^{-11}\ \text{PaM}^3/\text{Sec}$
- Special Cells: 保證精度 $\sim 0.1\ \mu\text{m}$



Materials: Sapphire, Quartz, Optical Glass, Crystal etc. 藍寶石、石英、各類光學玻璃

- Various Ultra-High Optical Prisms / Lenses / Color-Glass filters etc. 各類有色玻璃濾光片
- Design & Production of Various **Assembling Lens** units 各類組合鏡頭的設計/生產
- Various Optical **Prisms:** 各類超高精度光學稜鏡 $N/\Delta N: \sim 1/100\lambda$ ($300\times 300\text{mm}$)
- Various Spherical / Aspherical Optical **Lenses:** 各類球面/非球面光學透鏡 $\phi 0.30\sim\phi 500\text{mm}$

Made in Japan

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