

# QUARTZ SCREW Neck Vial



**World's first Quartz Vial by mass production High-quality and low-cost.**

**All made in Japan. Patent pending (2017-125123)**

Quartz vial with Screw-neck  
 SiO<sub>2</sub> 99.99% Fused Quartz  
 Non - Alkali Elution  
 High Heat-resistance (-196 ~ 1000°C)  
 Zero Thermal Expansion Coefficient. High Durability for Heat-shock  
 High UV-transmittance over 90%  
 Resistant to Autoclave sterilization 120°C,  
 Dry heat sterilization 180°C - Vial, Cap and Septa

Article no.	Capacity	Height	Body Dia.	Mouth Inner Dia.	Mouth Outer Dia.	Pcs / carton	Septa	Cap
QVS-0005	5ml	32mm	φ20.5mm	φ16.5mm	φ20.5mm	10	PTFE/ Silicon/ PTFE	Phenolic resin
QVS-0010	10ml	68mm						

※ Custom size upon request

Classification	Composition (weight %)					Alkali elution	
	SiO <sub>2</sub>	B <sub>2</sub> O <sub>3</sub>	Al <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> O + K <sub>2</sub> O	CaO + BaO		
Quartz Glass	99.99	—	—	—	—	NA	
Borosilicate glass	Type1	81.0	13.0	2.0	4.0	—	a little
	Type2	79.0 (include Al <sub>2</sub> O <sub>3</sub> )	11.0	+SiO <sub>2</sub>	8.0	2.0	medium
Soda-lime glass	70~73	—	1~1.8	13~15	7~12	much	