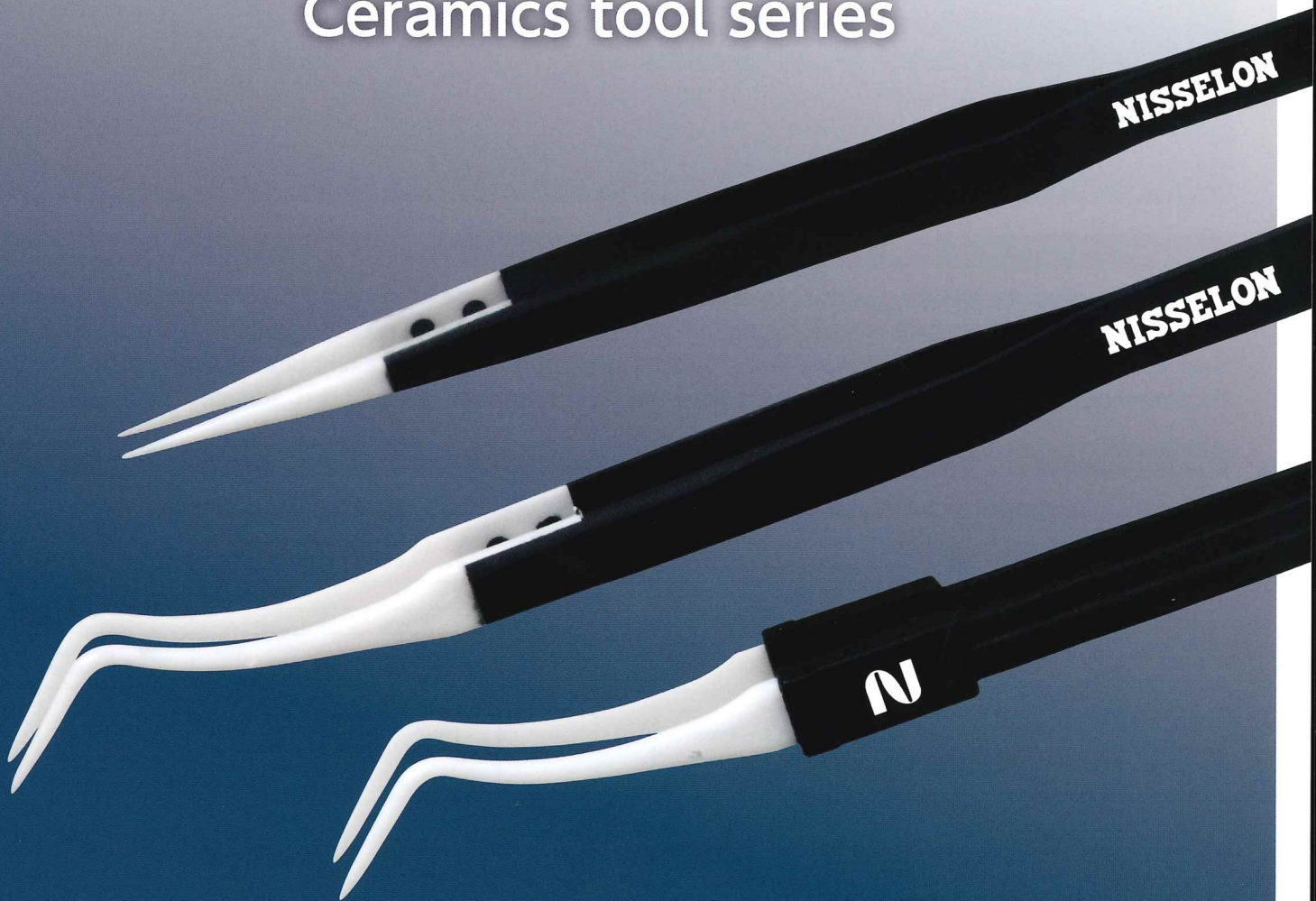




# NISSELON®

NISSELON Pincette

Ceramics tool series



Fine tools  
made of Zirconia ceramics

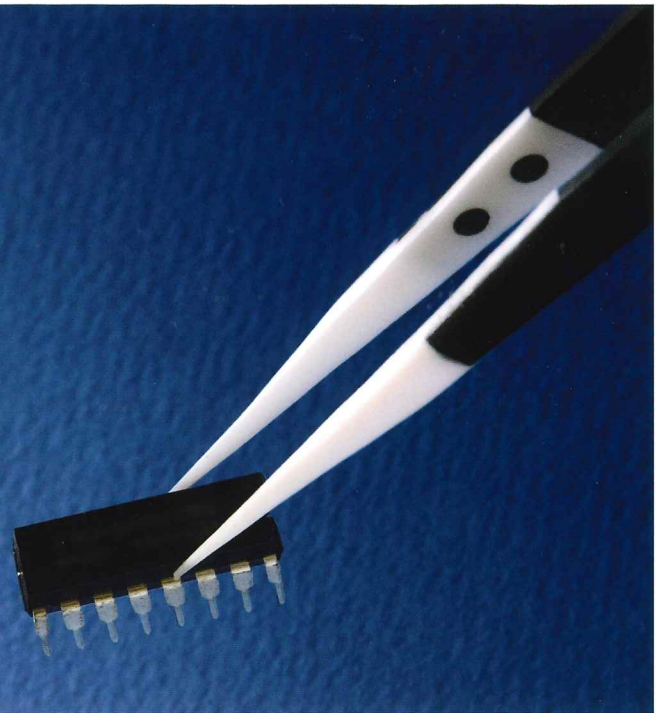


Caution : Nisselon Pincette tips are constructed with extremely great precision. Do not impact or twist. Do not quench. Do not soak in strong acid or strong alkali solution. Black alumite surface treatment of shank has good corrosion resistance but shall be corrodible in such solution. Recommend to wear protective glasses when use.  
Warning : Be aware that ceramics tips may be broken by excessive loads and you may cut yourself on broken pieces. Do not apply an extra load especially on ceramics tips.



# NISSELON® Pincette

NISSELON Pincette is an ideal tweezers to make up for shortcomings of ones made of stainless, titanium, beryllium alloy, plastic and etc. Tips are made of zirconia ceramics, which has greatest strength and durability of all ceramics materials and the shape of the tip is 0.25mm R, which is only possible by the special precision-molding technique. Special aluminium alloy shanks and glass contained polyacetal shanks are available in response to your intended end-usage.



## Features

- 100% non-magnetic
- Highly resistant to chemicals(except HF)
- Free from metallic contamination and elution of organic substance
- Excellent electric insulation
- Excellent heat insulation
- Unequaled wear resistance (more than 10 times that of metal and more than 100 times that of plastic)
- Excellent heat resistance (under 700 °C, thermal shock resistance  $\Delta T=350^{\circ}\text{C}$ )
- Soft solder and silver solder will not adhere to surface

## Application & Fields

- Electronic components
- Semiconductor
- Biotechnology
- Superconductivity related products

Item	Type	Shanks	Performance						
			tip				shank		
			Non-magnetic	Electric insulation	Corrosion resistance (Sterilization)	Heat resistance	Light weight	Electrostatic discharge	Resilience
TA-S-10	<p>TypeS</p>	Special Aluminium Alloy	○	○	○	○	◎	◎	◎
TA-CK-20	<p>TypeCK</p>		○	○	○	○	◎	◎	◎
TP-CK-20	<p>TypeCK</p>	Glass contained Polyacetal	◎	◎	○	○	◎	○	○

These models may be altered for better performance without previous notice.



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