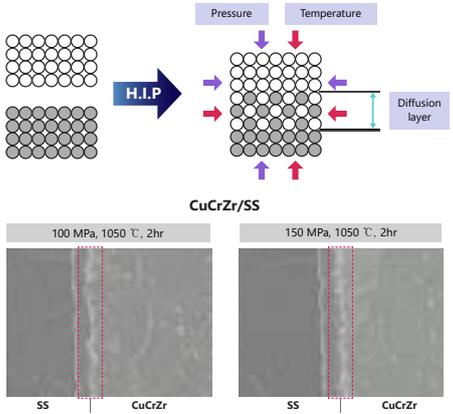


ISOSTATIC PRESS

유체를 이용하여 모든 방향에 균일하게 압력이 전달되는 원리를 이용한 장비입니다.
초고압을 이용한 장비로 압축성형, 소결, 살균 등의 처리가 가능하여 다양한 분야에 적용됩니다.

Metal & Ceramic (Alloy, Joint)



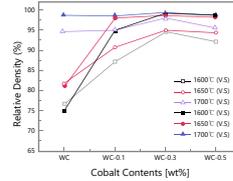
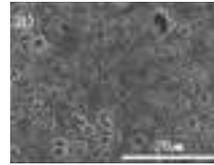
Ref. J. Korean. Phys. Soc. 49 (2006) s442-s446

Peel of Shell (Clam)

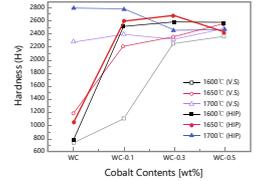
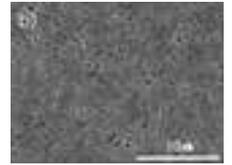


Hard Metal (WC:Tungsten carbide)

Vacuum Sintering at 1650 °C

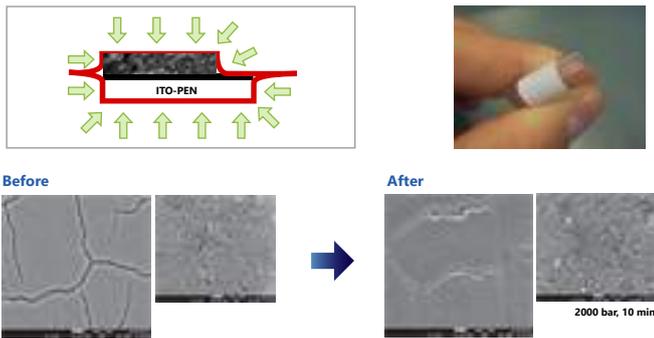


HIP Treatment (100 Mpa)



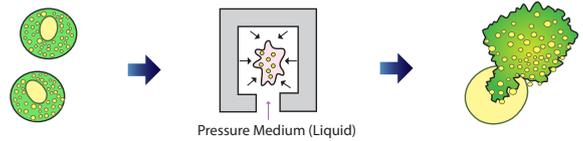
Ref. J. Korean. Phys. Soc. 49 (2006) s442-s446

TiO₂ Films (Flexible Dye-Sensitized Solar Cells)

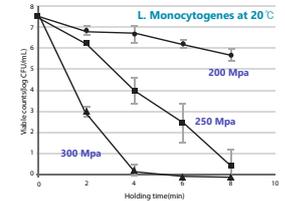
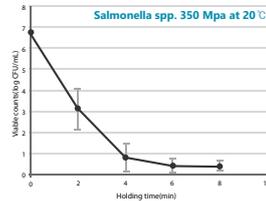


Ref. Int. J. Photoenergy. 2011 (2011) 1-7.

Foods (Sterilization, Shelf-life increase)



Sterilization of Whey beverage Using C.I.P



Ref. Effect of High Hydrostatic Pressure on Quality Parameters and Shelf-life of Lager Beer. (2003).

