

Manufacturing Process / Capability for WISE UHP Gauge

	Procedure	Model	Model	Model	Capability
		P810	P820	P830	
	Raw Material	316Lss	VIM VAR	316Lss	Sub-supplier
	Inspection	for Raw Material (Shank & Bourdon Tubes & Fittings ...)	for Raw Material (Shank & Bourdon Tubes & Fittings ...)	for Raw Material (Shank & Bourdon Tubes & Fittings	WISE
	Mechanical Machinning	for Shank & Fittings	for Shank & Fittings	for Shank & Fittings (BA Grade)	WISE
	Ultrasonic Cleaning	For Shank & Fittings	For Shank & Fittings	For Shank & Fitting	
	Electropolishing Ra<= 0.25 Micron	Fittings & Case Degree of Inside of Fittings (VCR) is RA<= 0.25Micron.	Fittings & Case Degree of Inside of Fittings (VCR) is RA<= 0.25Micron.	BA Grade	WISE
in clean Room 10000	Ultrasonic Cleaning in Clean Room 10000	Fittings & Case	Fittings & Case	Fittings & Case	WISE
	N2 Gas Purging	Fittings & Case	Fittings & Case	Fittings & Case	WISE
	Surface Test	only for inside of VCR Fittings & Shank (Sampling Test)	only for inside of VCR Fittings & Shank (Sampling Test)	only for inside of VCR Fittings (Sampling Test)	WISE
	Welding	For Shank + Fittings + Bourdon Tube (<1 ppm O2)	For Shank + Fittings + Bourdon Tube (<1 ppm O2)	For Shank + Fittings + Bourdon Tube	WISE
	Ultrasonic Cleaning	For Welded Shank + Fitting + Bourdon Tube (Welding Points only)	For Welded Shank + Fitting + Bourdon Tube (Welding Points only)	For Welded Shank + Fitting + Bourdon Tube (Welding Points only)	WISE
	N2 Gas Purging	For Weled Shank + fitting + Bourdon Tube (Welding Points only)	For Weled Shank + fitting + Bourdon Tube (Welding Points only)	For Weled Shank + fitting + Bourdon Tube (Welding Points only)	WISE
	He Leak Test	For Weled Shank + Fitting + Bourdon Tube (Sampling Test)	For Weled Shank + Fitting + Bourdon Tube (Sampling Test)	For Weled Shank + Fitting + Bourdon Tube (Sampling Test)	WISE
	Assembling				
In Clean Room 100	Calibration by N2 Gas In Clean Room 100	All items	All items	All items	WISE
In Clean Room 10.	Vacumm Packing in Clean Room 10	All items	All items	All items	WISE
	Shipping				WISE