

Technical Data Sheet – 121-T202-C101-I0*

Product Name:-	STYLUS TOUCH SCREEN BALL PEN
Finish	LACQ. ALLUMINUM BODY / CHROME PARTS
Components :-	Cap & Barrel - ALLUMINUM
	Brass Parts - Recycled Brass metal.
	Refills - CROSS TYPE METAL REFILL
	Working Mechanism - Mechanism Gare Box (ABS Natural)
	- Mechanism Gare Wheel (Derling)
	Springs - Tempered Spring steel wire.
	Clip - Carbon Steel.

Check List	Duration	Checking Tools	Parameters
Physical parameters of components	5% of every lot while receiving	Vernier / Micrometre	Cap
			Length - 51 mm (± 0.10mm)
			O.D - 12.60 mm (± 0.02mm)
			Barrel
			Length - 57.3 mm (± 0.10mm)
			O.D - 9.9 mm (± 0.02mm)
			Material - ALLUMINUM
Physical parameters of components	5% of every lot while receiving	Vernier / Micrometre	Brass Parts
			Nozzle:- Length - 10.16 mm (± 0.20mm)
			O.D - 5.08 mm (± 0.05mm)
			Effective Length - 5.08 mm (± 0.15mm)
			RING:- Length - 5.08 mm (± 0.20mm) O.D - 10 mm (± 0.05mm)


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Physical parameters of components			Refill Cross Type Refill 1.00 mm Blue Length - 105.00 mm (± 0.20mm) O.D - 2.98 mm (± 0.02mm) Material - Brass with Nickel plated (BNP)
Manual Writing Test	100%	Manually	100% writing checking system manually while refills Production
Ink weight	Everyone hour	Precision weighing scale	0.500gm (±) 0.050gm
Writing Length	Once in everyone lack pcs	Writing test machine Rudi Hutt	(2700)mtrs (±) 400mtrs
Ink Lay Down	Twice in everyone lack pcs	Writing test machine Rudi Hutt	(16 to 18) mg / 100mtrs
Writing test Parameters	Twice in 8 hours	Writing test machine Rudi Hutt	
Temperature			23° Celsius ± 2° Celsius
Humidity			53 % RH ± 5 % RH
Writing test paper			ISO 12757-1 Aurora trading
Writing Speed			9 meters / minute ± 3seconds
Paper feeding			50 mm / minutes
Writing Angle			70°
Paper Weight			115 grams ± 5 grams
Shelf Life			Twice in 8 hours
Physical Parameters of components	5% of every lot	Vernier/Microme tre	Clip
			Length - 44.8mm (± 0.10mm) Width - 3.7mm (± 0.05mm) Material :- Carbon Steel Grade C55
Physical Parameters of components	5% of every lot	Vernier & Precision weighing scale	Complete Ball Pen
			Total Length - 134.6mm (± 0.20mm) Total Weight - 14.5gm (± 0.5gm)