

## 2. PRODUCT INFORMATION

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### 2.1 Equipment Description

The Equipment Under Test(EUT) is the WOOSIM SYSTEM Inc.PORTI-SC30

Please refer to Users manual

### 2.2 General Specification

- Chassis Type : Plastic
- List of Each OSC. Or X-Tal. Freq. ( $\geq 1$ MHz) : X-TAL – 25.8MHz, 3.6864MHz
- Chipset Brand & Part No. : 4066 – ST, SP232ACN – SIPEX, 74HC32 – TI, 74HC14– TI  
: M37702S1BFP – MITSUBISHI, MM74HC573MTC – PHILIPS  
: HSDL7001 – AGILENT, 39SF040 – SST, KA3100D – FAIRCHILD  
: HY628100BLLG-70 – HYNIX, F2F2000– ZEPETRONIX  
: 213-032-702– METHODE, KIA7042AF– KEC, TL431CS – S&E  
: KTC3265– KEC, HSDL3000 – AGILENT
- Number of Layers : Main board – 4Layers, Sub board – 2 Layers
- Printing method : Direct thermal line printing
- Characters per line : 80cpl
- Characters size : 9 \* 24dots, 16 \* 24dots (Korean characters)
- Resolution : 203dpi, 8dots/mm
- Print width : 4-inch (104 mm, 832dots)
- Printing sped : 40 mm/sec
- Dimensions : 138 \* 88 \* 24 mm(Standard model)
- Weight : 340g
- Interface : Serial (RS-232C), IrDA Ver1.0 (SIR) (Standard model)
- Paper supplied : Thermal roll paper(118mm wide, 25  $\phi$ )
- Barcode supplied : PDF417(2-dimension), Code128, Code39, I2/5, Code93  
: UPC, EAN, KAN, JAN, CODABAR
- Receive buffer size : 10K bytes
- Note : Printing speed may be slower, depending on the data transmission

Speed and the combination of control commands.

- Battery : Rechargeable 7.2V DC 1.4A (Li-ion)
- Battery duration : 1 hour continuous printing
- AC adaptor. : Input (85 ~ 240V AC50~60Hz)  
: Output (8.6V DC), 4hour full charge time
- Enviroment conditions : Temperature : 0 ~40 (operating)  
: -10 ~ 50 (storage)  
: Humydity : 30%80% (operating)  
: -10 ~ 50 (storage)
- MCBF : Mechanical : 37000000 nines
- Characters size : Head : Approximately 50Km