

Panel Printer



PORTI-SP20/SP30



General Features

- Ultra small size rack mount printer.
- Very silent printing thru direct thermal printing method.
- High speed (50mm/sec)
- High resolution (203dpi : 8dots/mm).
- Serial (RS-232C or TTL) interface
- Support text and graphic printing.
- Easier paper loading by CLAMSHELL design.
- Easier maintenance with self-diagnostics.

Application

Medical analyzer, Industrial instrument, Recorder, Geological analyzer, Underground analyzer, Chemical analyzer, Metallic analyzer, etc.

Technical Specification

Item	Specification
Printing method	Direct thermal line printing
Characters per line	24cpl
Character size	8 × 16dots, 9 × 24dots (Korean characters)
Resolution	203dpi, 8dots/mm
Print width	1-inch (24mm, 192dots)
Printing speed	50mm/sec
Dimensions (W × D × H)	· PORTI-SP20 : 53 × 44.2 × 24.4mm · PORTI-SP30 : 53 × 62 × 33.8mm
Weight	· Porti-SP20 : 47g (including roll paper) · Porti-SP30 : 51.5g (including roll paper)
Interface	Serial(RS-232C or TTL) (Standard model)
Paper supplied	Thermal roll paper (37mm wide : 20 ϕ , 30 ϕ)
Receive buffer size	10K bytes
Note	Printing speed may be slower, depending on the data transmission speed and the combination of control commands.
Input Power	5VDC, Standby 60mA and Max 2.5A
Environment Conditions	· Temperature : -10°C ~ 40°C (operating) / -10°C ~ 70°C (storage) · Humidity: 30% - 80% (operating) / 10% - 90% (storage)
MCBF(Mean Cycle Between failure)	· Mechanical : 37,000,000 lines · Head : Approximately 50Km

※ The appearance and specification of the product would be changed without notice in order to improve it. The production may be a little bit different from the real situation.