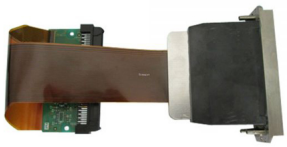
Ricoh Gen5 / 7PL Printhead (Four Color, Long Cable)













Rating: 3.5
Price:
Variant price modifier:

Price with discount:

Salesprice with discount:

USD 1,000.00

Discount:

In Stock!
Ready to Order

Ask a question about this product

Manufacturer: Ricoh

Description

Ricoh Gen5 / 7PL printhead (Four Color, Long Cable)
Printer compatibility: Agfa :Jeti Mira MG2716 S/HS / :Jeti Mira MG2732 S/HS / :Jeti Tauro H2500 / :Jeti Titan S / :Jeti Titan HS, Mimaki

Print Head : Ricoh Gen5 / 7PL Printhead (Four Color, Long Cable)

JFX500-2131 / JFX200-2513 / UJV500-160 / JV400-130SUV / JV400-160SUV, CET Color QS-250 / QS-500 / QS-1000 / QS-250h / QS-500h / QS-1000h, Docan 1212 UV / M6 / M8 / M10 / R3300 / FR3210 / FRT3116, Akad NovaJet UV M6, Handtop HT2512UV-D FR8 / HT1600UV HR4 / HT2500UV HR8 / HT3200UV HR8 / HT3200UV HG12 / HT3116UV FR8

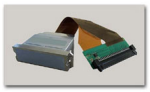
Remarks: Original

The Total Length of this printhead is 500mm including cables. The cable is 380mm long. (Manual measurement, there may be 1cm error of physical)

GEN-5 Printhead Series Preliminary Specification

DESIGN FEATURES

- 1,280 channels
- Two color and four color support
  - Single color: 600npi
  - Two color: 300npi
  - Four color: 150npi
- 8 level grey scale capability



SPECIFICATION

PHYSICAL:

Size	89(W) x 25(D) x 69(H) mm (excluding cables & connectors)
Head materials	SST, Nickel alloy & Epoxy adhesive (Direct contact with ink)
Compatible jetting fluids	Compatible with water, solvent, oil, UV curable inks
Nozzle plate surface	Coated SST
Number of nozzles	4 x 320 channels
Nozzle spacing A: Within a single row B: Within a color C: Single pass D: Row to row distance E: Color to color	 0.1693 mm (1/150") 0.0847 mm (1/300") 0.0423 mm (1/600") 0.55 mm 11.811 mm
Ink inlet port	2 x dual ports
Piezo type	D33 stacked PZT
Drop ejection mode	Piston pusher with metallic diaphragm plate
Integrated electronics	Low-voltage serial to high-voltage parallel converter; 3-bit shift resistors; transmission gate outputs
Temperature control	Integrated heater and thermistor
Viscosity	11 cP (at operating temp.)
Surface tension	32 dynes/cm
Native drop volume	7 pico-liter
Drop volume range / variation	7– 35 pico-liter with grey-scale / ±10%
Drop velocity nominal / variation	7 m/sec / ±15%
Crosstalk	10% or less with all channels firing
Jet straightness 1 sigma	< 3.5 milli-radian from nozzle centerline
Native drop operating frequency	60kHz (Higher burst possible under ideal condition)
Life	100 billion actuation's per nozzle