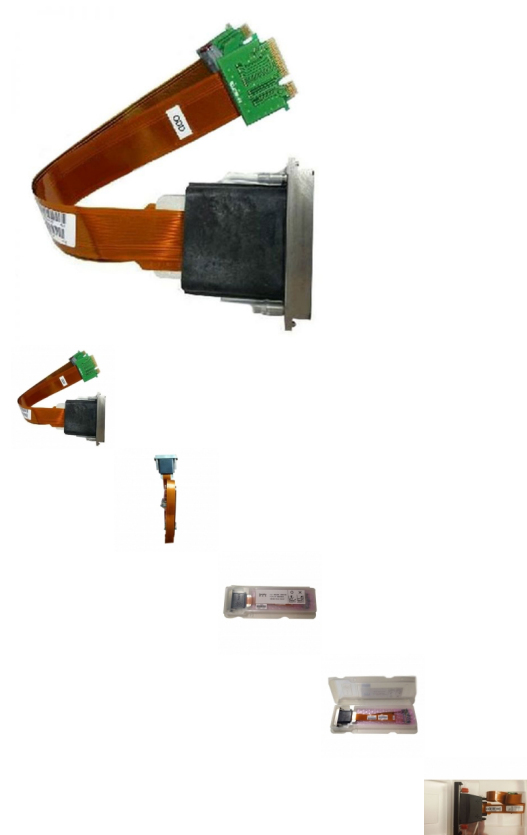


Ricoh Gen4 / 7PL Printhead



Rating: 4.0

Price:

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 484.00

Discount:



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Manufacturer: [Ricoh](#)

Description

Ricoh Gen4 / 7PL printhead

Description:

The Ricoh GEN4 greyscale printhead is suitable for a range of water, solvent and UV printers. This printhead has an integrated heater and thermistor. This is Ricoh original printhead and it is covered by a manufacturer warranty. This Ricoh GEN4 is available in two different cable lengths: 19cm long and 44cm long and a choice of hose barb ink inlet or o-ring sealed ink inlet. Ricoh partnumber N220792W, N220792N, N220792S or N220792E are all Ricoh GEN4 7PL printheads with long cable and hose barbs.

To be used with: Agfa :Jeti 1224 HDC / :Jeti 1224 HDC FTR / :Jeti 3020 Titan FTR, Digitex Gunsjet SR1808 / Gunsjet SR2508 / Gunsjet SR3208 / Gunsjet SF1914 / Gunsjet UF4547, DYSS Apollo GH1600-08F / Apollo GH1600-08F / Apollo GH1600-08SF / MH2420 / Apollo GH1600-10FM / Apollo GH1600-12S / Apollo GH1600-12SFWFV / Apollo GH2200-08F / Apollo GH2200-08SF / Apollo GH2200-08SR / Apollo GH2200-10FM / Apollo GH2200-12S / Apollo GH2200-16SFWFV / Apollo GH2600-08F / Apollo GH2600-08SF / Apollo GH2600-10FM / Apollo GH2600-12S / Apollo GH2600-12SFWFV / Apollo GF2616-08F / Apollo GF2616-10FFW / Apollo GF2616-10FRW / Apollo GF2616-12F / Apollo GF2616-12S / Apollo GF2616-14SFW / Apollo GF2616-14SRW / Apollo GF2616-16F / Apollo GF2616-16SFWFV / Apollo GF2616-16SRWRV, Gandy Digital Domin8tor / Pred8tor, d.gen Teleios Grande, Ampla Digital Targa XT

Remarks: Original

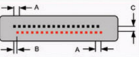
GEN-4 Printhead Specification

DESIGN FEATURES

- 384 channels
- 30 kHz
- Grey scale capability
- Two color support

SPECIFICATION

PHYSICAL:

Size	63(W) x 63(D) x 16.2(H) mm (excluding cables)
Head materials	SST, Ni & Epoxy adhesive (Direct contact with ink)
Nozzle plate surface	Non-coated SST
Number of nozzles	2x 192 channels
Nozzle spacing	A: Within a row (color) 0.1693 mm (1/150") B: Row to row offset 0.0846 mm (1/300") C: Row to row distance 0.5292 mm 
Ink inlet port	2x 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 with 2-bit shift resistors and transmission gate outputs.
Temperature control	Integrated heater and thermistor
Operating temperature range	Up to 60 °C

INKS:

Compatible jetting fluids	Water, solvent, oil, UV curable
Viscosity range	10-12 cP (at operating temp.)
Surface tension	28-35 dynes/cm

PERFORMANCE:

Native drop volume	7 pico-liter
Drop volume range / variation	5-25 pico-liter with grey-scale / ±10%
Drop velocity nominal / variation	8 msec / ±10%
Crosstalk	10% or less with all channels firing
Jet straightness 1 sigma	< 3.5 milli-radian from nozzle centerline
Operating jetting frequency	Native drop: Up to 30kHz / Grey-scale: Up to 20kHz
Life	100 billion actuation's per nozzle

