

SMART-JET® Printheads

TECHNICAL COMPARISON SHEETS



MODEL	SMART-JET® DUO PRO	SMART-JET® DUO MAX	SMART-JET® DUO REACH
MAX PRINT HEIGHT	0.5"(12.7mm)	1" (25.4mm)	0.5"(12.7mm)
MAX THROW DISTANCE	0.2" (5mm)	0.2" (5mm)	0.4" (10mm)
NUMBER OF LINES	UP TO 6	UP TO 12	UP TO 6
STITCH HEAD SUPPORT	YES	YES	YES
TYPE OF CATRIDGE	½" HP	1" IUT	½" FUNAI
INK CATRDIGE CAPACITY	35-42mL	40-42mL	42mL
INK TYPE	Aqueous or Solvent-Based	Aqueous or Solvent-Based	MEK/Solvent-Based
POROUS CATRIDGE	YES	YES	NO
NON-POROUS CATRIDGE	YES (Ethanol-based)	YES (Ethanol-based)	YES (MEK-Based)
POROUS BULK INK (VOLUME)	YES, (442 MI)	YES, (400mL/Bladder)	NO
NON-POROUS BULK INK (VOLUME)	NO	YES, (400mL/Bladder)	NO
MAX PRINT RESOLUTION	600X600 dpi	300x600 dpi	600x600 dpi
MAX PRINT SPEED	249 FT/MIN @ 300x300 dpi	131 FT/MIN @ 300X300 dpi	131 FT/MIN @ 300X300dpi
LEVELS OPTICAL DENSITY	3	3	3
DIMENSIONS	7.6" X 5.1" X 1.4"	8.5" X 2.5" X 1.9"	8.3" X 2.3" X 3.9"
WEIGHT	0.9 lbs	0.9 lbs	1.2 lbs
MOUNTING BRACKETS	INLCUED	INCLUDED	INCLUDED
POWER SUPPLY	AC 100-240V, 50/60HZ, DC 24V 2.5A	AC 100-240V, 50/60HZ, DC 24V 2.5A	AC 100-240V, 50/60HZ, DC 24V 2.5A
ANTI-SHOCK SYSTEM	INCLUDED	INCLUDED	OPTIONAL
OPERATING CONDITIONS	41-122F (5-50C) AND 90% AIR HUMIDITY, NON-CONDENSING	41-122F (5-50C) AND 90% AIR HUMIDITY, NON-CONDENSING	41-122F (5-50C) AND 90% AIR HUMIDITY, NON-CONDENSING

