

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

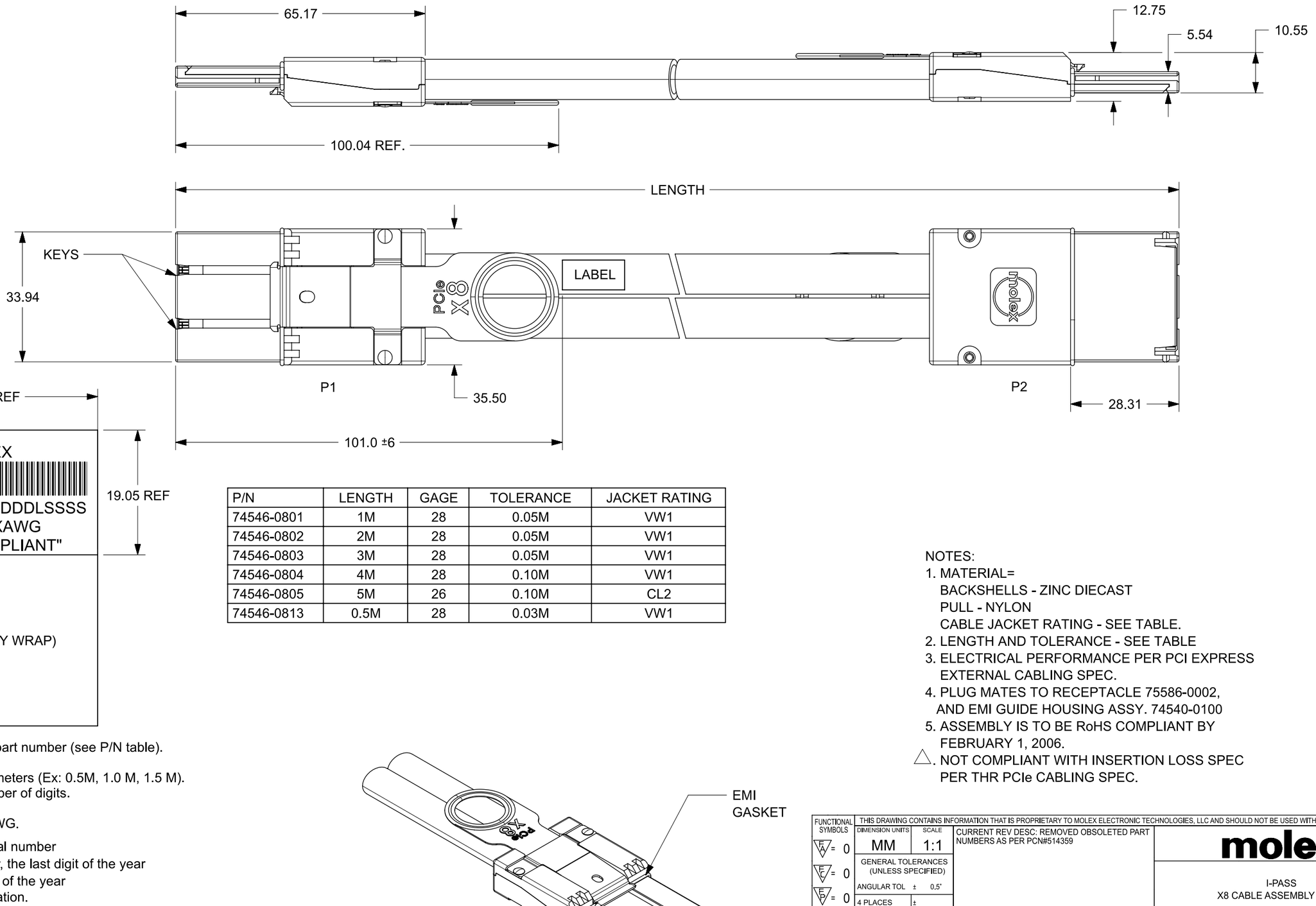
Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*



LABEL DETAILS

P/N	LENGTH	GAGE	TOLERANCE	JACKET RATING
74546-0801	1M	28	0.05M	VW1
74546-0802	2M	28	0.05M	VW1
74546-0803	3M	28	0.05M	VW1
74546-0804	4M	28	0.10M	VW1
74546-0805	5M	26	0.10M	CL2
74546-0813	0.5M	28	0.03M	VW1

NOTES:
1. MATERIAL=
   BACKSHELLS - ZINC DIECAST
   PULL - NYLON
   CABLE JACKET RATING - SEE TABLE.
2. LENGTH AND TOLERANCE - SEE TABLE
3. ELECTRICAL PERFORMANCE PER PCI EXPRESS EXTERNAL CABLING SPEC.
4. PLUG MATES TO RECEPTACLE 75586-0002, AND EMI GUIDE HOUSING ASSY. 74540-0100
5. ASSEMBLY IS TO BE RoHS COMPLIANT BY FEBRUARY 1, 2006.

△. NOT COMPLIANT WITH INSERTION LOSS SPEC PER THR PCIe CABLING SPEC.

P/N: 7454608XX - Molex part number (see P/N table).

X.XXM = Cable length in meters (Ex: 0.5M, 1.0 M, 1.5 M).
See P/N table for the number of digits.

XXAWG - Cable size in AWG.

S/N: YYDDDLSSSS - Serial number
YY = Year, the last digit of the year
DDD = Day of the year
L = Location.
1 - USA
2 - Mexico
3 - China
4 - Philippines
SSSS = Serial number sequence of the day (Ex: 0001, 0002, 0003)

TM
IPASS IS A TRADEMARK OF MOLEX

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: EA= 0, EC= 0, EP= 0
DIVISIONAL SYMBOLS

DIMENSION UNITS	MM
SCALE	1:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5°
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.130
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#514359

STATUS: Production

DRWN:	Vishal Ramesh Hosur	2024-11-05
CHK'D:	Ganesh Rao B	2024-11-14
APPR:	Gurunandan GA	2024-11-14

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 74546

molex

I-PASS
X8 CABLE ASSEMBLY GEN 1

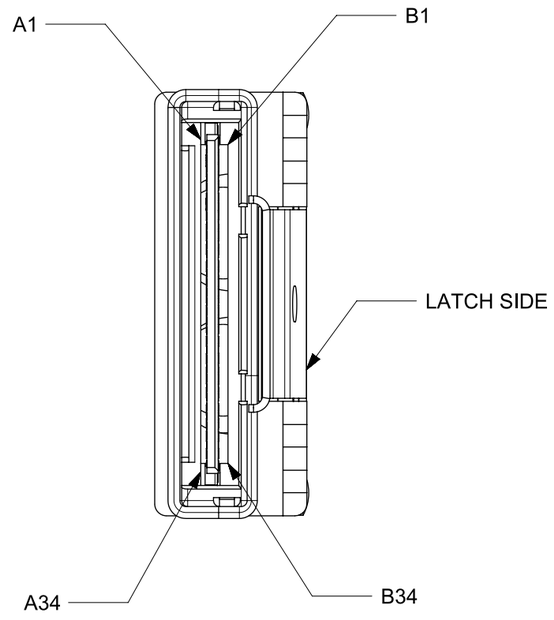
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-74546-800	PSD	001	L3

MATERIAL NUMBER: SEE TABLE | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 1 OF 4

FORMAT: TC-tb-prod-B
REVISION: B
DATE: 2022/08/01

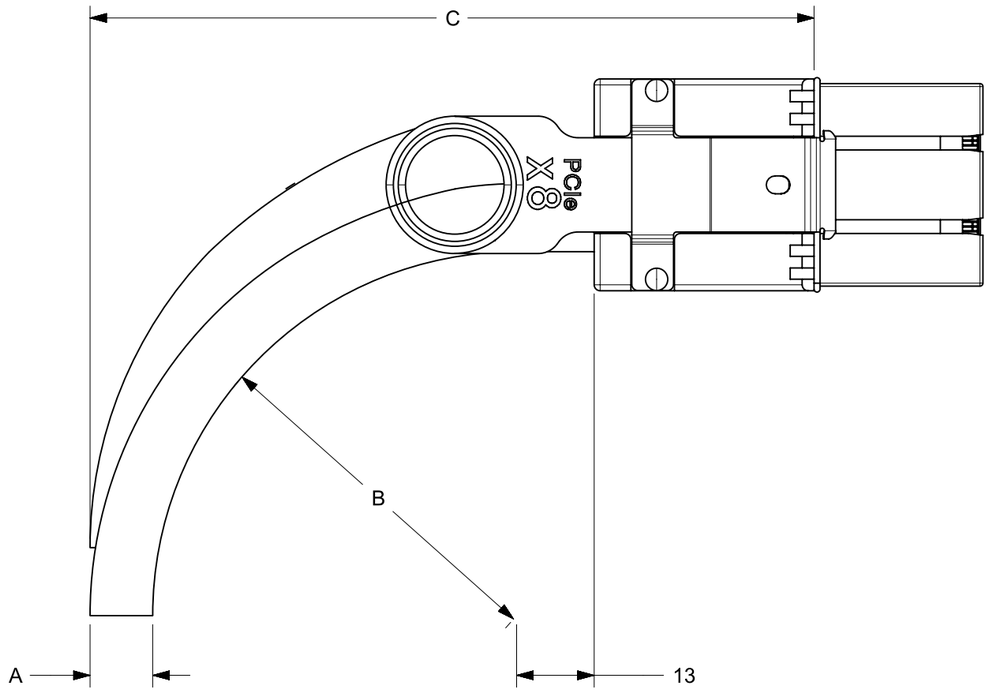
GND	A1	B1	GND	
PETp0	A2	B2	PERp0	
PETn0	A3	B3	PERn0	
GND	A4	B4	GND	
PETp1	A5	B5	PERp1	
PETn1	A6	B6	PERn1	
GND	A7	B7	GND	
PETp2	A8	B8	PERp2	
PETn2	A9	B9	PERn2	
GND	A10	B10	GND	
PETp3	A11	B11	PERp3	
PETn3	A12	B12	PERn3	
GND	A13	B13	GND	
CREFCLK+	A14	A14	CREFCLK+	
CREFCLK-	A15	A15	CREFCLK-	
GND	A16	A16	GND	
NC	A17	A17	NC	
NC	A18	A18	NC	
SB_RTN	A19	A19	SB_RTN	
CPRSNT#	A20	A20	CPRSNT#	
CPWRON	A21	A21	CPWRON	
GND	A22	B22	GND	
PETp4	A23	B23	PERp4	
PETn4	A24	B24	PERn4	
GND	A25	B25	GND	
PETp5	A26	B26	PERp5	
PETn5	A27	B27	PERn5	
GND	A28	B28	GND	
PETp6	A29	B29	PERp6	
PETn6	A30	B30	PERn6	
GND	A31	B31	GND	
PETp7	A32	B32	PERp7	
PETn7	A33	B33	PERn7	
GND	A34	B34	GND	
GND	B1	A1	GND	
PERpO	B2	A2	PETpO	
PERnO	B3	A3	PETnO	
GND	B4	A4	GND	
PERp1	B5	A5	PETp1	
PERn1	B6	A6	PETn1	
GND	B7	A7	GND	
PERp2	B8	A8	PETp2	
PERn2	B9	A9	PETn2	
GND	B10	A10	GND	
PERp3	B11	A11	PETp3	
PERn3	B12	A12	PETn3	
GND	B13	A13	GND	
NC	B14	B14	NC	
NC	B15	B15	NC	
NC	B16	B16	NC	
NC	B17	B17	NC	
NC	B18	B18	NC	
NC	B19	B19	NC	
CWAKE#	B20	B20	CWAKE#	
CPERST#	B21	B21	CPERST#	
GND	B22	A22	GND	
PERp4	B23	A23	PETp4	
PERn4	B24	A24	PETn4	
GND	B25	A25	GND	
PERp5	B26	A26	PETp5	
PERn5	B27	A27	PETN5	
GND	B28	A28	GND	
PERp6	B29	A29	PETp6	
PERn6	B30	A30	PETN6	
GND	B31	A31	GND	
PERp7	B32	A32	PETp7	
PERn7	B33	A33	PETN7	
GND	B34	A34	GND	



TM
IPASS IS A TRADEMARK OF MOLEX

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
FAV = 0	DIMENSION UNITS: MM	SCALE: 2:1	CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#514359	molex	
FCV = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			I-PASS X8 CABLE ASSEMBLY GEN 1	
FEV = 0	ANGULAR TOL ± 0,5'				
	4 PLACES ±			PRODUCT CUSTOMER DRAWING	
DIVISIONAL SYMBOLS	3 PLACES ±		STATUS: Production	DOCUMENT NUMBER: SD-74546-800	DOC TYPE: PSD / DOC PART: 001 / REVISION: L3
	2 PLACES ± 0.130		DRWN: Vishal Ramesh Hosur 2024-11-05		
	1 PLACE ± 0.25		CHK'D: Ganesh Rao B 2024-11-14		
	0 PLACES ±		APPR: Gurunandan GA 2024-11-14		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION / DRAWING: B-SIZE / SERIES: 74546	MATERIAL NUMBER: SEE TABLE / CUSTOMER: GENERAL MARKET	SHEET NUMBER: 2 OF 4

FORMAT: TC-tb-prod-B
REVISION: B
DATE: 2022/08/01



CABLE GAGE	24	26	28
A. CABLE DIAMETER	10.4	9.3	8.4
B. MINIMUM OUTER RADIUS	46.9	41.7	37.7
C. FACEPLATE TO OUTER RADIUS	102.2	97.0	93.0

TM
IPASS IS A TRADEMARK OF MOLEX

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
MM	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0.5°
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.130
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#514359

STATUS: Production
DRWN: Vishal Ramesh Hosur 2024-11-05
CHK'D: Ganesh Rao B 2024-11-14
APPR: Gurunandan GA 2024-11-14

molex

I-PASS
X8 CABLE ASSEMBLY GEN 1

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-74546-800	PSD	001	L3

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	B-SIZE	74546	SEE TABLE	GENERAL MARKET	3 OF 4

FORMAT: TC-db-prod-B
REVISION: B
DATE: 2022/08/01

REVISION TABLE

REV	DATE	DESCRIPTION
A	N/A	N/A
B	N/A	N/A
C	N/A	N/A
D	N/A	N/A
E	N/A	N/A
F	N/A	N/A
G	N/A	N/A
H	N/A	N/A
I	N/A	N/A
J	N/A	N/A
K	N/A	N/A
L	N/A	N/A
L1	01/27/2022	1) MIGRATED THE SLAES DRAWING TO NX 2) ADDED THE BARCODE IN THE LABEL WHICH CONTAINS PART NUMBER AND SERIAL NUMBER
L2	09/08/2023	1) UPDATED LABEL DETAILS.
L3	11/05/2024	REMOVED OBSOLETED PART NUMBERS 74546-0806 74546-0807 74546-0808 74546-0809 & 74546-0810

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
MM	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0,5'
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.130
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#514359

STATUS: Production

DRWN:	Vishal Ramesh Hosur	2024-11-05
CHK'D:	Ganesh Rao B	2024-11-14
APPR:	Gurunandan GA	2024-11-14

molex

I-PASS
X8 CABLE ASSEMBLY GEN 1

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-74546-800	PSD	001	L3

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	B-SIZE	74546	SEE TABLE	GENERAL MARKET	4 OF 4

FORMAT: TC-db-prod-B
REVISION: B
DATE: 2022/08/01

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP