

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

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INSPECTION REPORT

MODEL	D219-VCT
MFG No.	34 7727 4368
HGS No.	7727 4368
Applicable Gas	C4F6
Flow Rate	40 - 400 SCCM

1. Appearance, Dimension and Construction ..... GOOD

2. Performance Test ..... PASS

Test Condition: inlet pressure ≈ 340 kPa (gauge){50psig}, outlet pressure ≈ 2.6 kPa {20 Torr}

1) Accuracy: ± 1 %S.P. [set point ≥ 20% F.S.]
± 0.2%F.S. [10% F.S. ≤ set point < 20% F.S.]

2) Linearity: ± 0.5%F.S.

3) Leak Test: Less than 5×10^{-12} Pa·m^3 / s [He]

4) Response: Less than 0.8 seconds [set point > 10% F.S.]

5) Flow Rate

Setting Point	calculated value / sccm	Accuracy	SF6 Flow Rate / sccm
100%	399.60	-0.10%S.P.	341.53
90%	359.75	-0.07%S.P.	305.25
50%	200.56	0.28%S.P.	163.38
10%	39.995	0.00%F.S.	30.834

3. Note

sccm: cubic centimeter per minute at 0 °C, 1013 hPa

Date of inspection Feb. 27, 2018

Inspector I. Yamamoto

I. Yamamoto

HORIBA STEC, Co., Ltd.
Kyoto, JAPAN

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.

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

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