

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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Optical Flats



Van Keuren Optical Flat

Van Keuren furnishes optical flats using only the most carefully selected annealed clear fused quartz. Fused quartz possesses a very low coefficient of linear expansion and is resistant to abrasion. All Van Keuren Optical Flats come furnished in a fitted case with a certificate of calibration stating the actual flatness directly traceable to the National Institute of Standards & Technology. Micro-coating is available by request and is applied to the flat to help clarify the image. Coating is available on single surface optical flats only. Your worn, scratched, opaque flats can be resurfaced to any desired accuracy, single or double surface, and will be indistinguishable from new flats. Reworked flats will be certified, showing traceability to the N.I.S.T. with the test number and date.

CALIBRATED QUARTZ OPTICAL FLATS

Size		Working .000004" EDP No.	Master .000002" EDP No.	Reference .000001" EDP No.
Diameter	Thickness			
SINGLE SURFACE				
1"	1/2"	V860101	V860201	V860301
2"	5/8"	V860102	V860202	V860302
3"	11/16"	V860103	V860203	V860303
4"	3/4"	V860104	V860204	V860304
5"	7/8"	V860105	V860205	V860305
6"	1"	V860106	V860206	V860306
8"	1 5/16"	V860108	V860208	V860307
10"	1 11/16"	V860110	V860210	V860310
12"	2"	V860112	V860212	V860312
DOUBLE SURFACE				
1"	1/2"	V860401	V860501	V860601
2"	5/8"	V860402	V860502	V860602
3"	11/16"	V860403	V860503	V860603
4"	3/4"	V860404	V860504	V860604
5"	7/8"	V860405	V860505	V860605
6"	1"	V860406	V860506	V860606
8"	1 5/16"	V860408	V860508	V860607
10"	1 11/16"	V860410	V860510	V860610
12"	2"	V860412	V860512	V860612

Optical Flats Parallel Sets

Flats in optical parallel sets differ in thickness by approximately 0.0125", providing a parallelism check at two spindle positions, each one-half turn apart. For metric micrometers, the difference is 0.25 mm.

OPTICAL FLATS PARALLEL SETS - PARALLEL TO .000004"

Type of Set	Size	EDP No.
Set Op-2AA, two parallels	1" x 1/2"	V839901
Set Op-2B, two parallels	1-1/4" x 1/2"	V839903
Set Op-2C, two parallels	1" x 1"	V839905

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.

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