

Investor Update

Q4 2022 Earnings Call

February 1, 2023



POWERING INNOVATION, DELIVERING VALUE

FORWARD LOOKING STATEMENTS

During the course of this presentation, we will comment upon future events and may make projections about our future financial performance, including statements related to strategies, our expected sales, product shipments and acceptance, gross margin, operating expense, profit, cash flow, income tax expense, and capital allocation. We will discuss our business strategy, our products, the markets our products address, our position in those markets, expected market acceptance of those products and production capacity.

We wish to caution you that these are forward looking statements that are based upon our current expectations, and that actual results could differ materially as a result of various risks and uncertainties, including, without limitation, the following: inability to develop and deliver new products as planned; inability to accurately forecast the demand for our products and services; the possibility that orders in backlog may be cancelled, delayed or rescheduled; inability to achieve gross margin and expense goals; and other risk factors discussed in documents filed by us with the Securities and Exchange Commission, including our Annual Report on Form 10-K and Quarterly Reports on Form 10-Q.

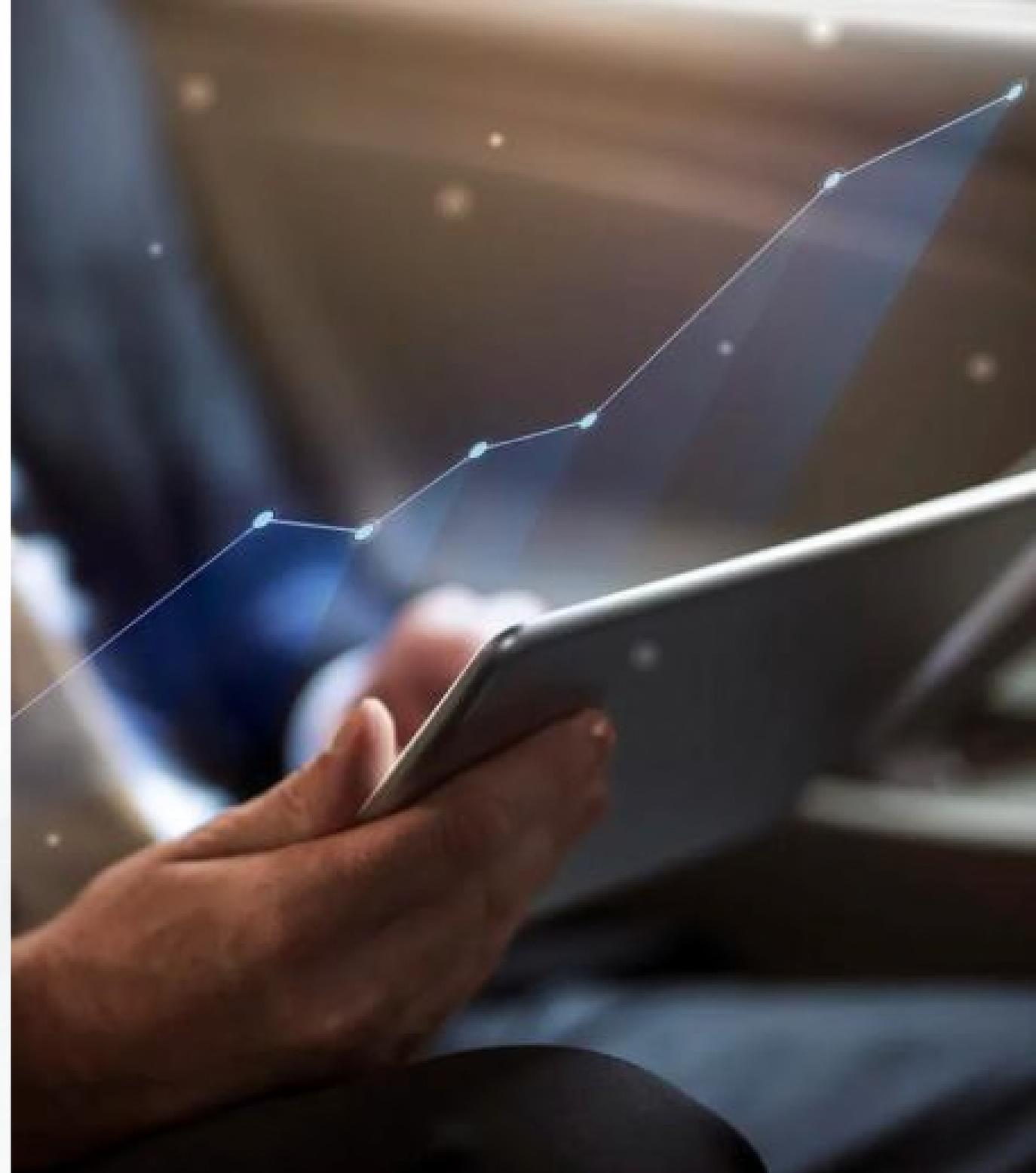
We undertake no obligation to update the forward-looking statements made during this presentation.



A TRANSFORMED COMPANY WITH STRONG GROWTH AHEAD

Intevac has undergone a year of **profound change**

- ✓ **New visionary leadership** following the appointment of Nigel Hunton as CEO in January 2022
- ✓ A significantly **strengthened management team** supported by a strong board of directors; currently enhancing and developing our commercial team
- ✓ **Gaining share of worldwide HDD media** market with 12-year-record high orders, backlog, and visibility
- ✓ Announced a **transformational partnership to deploy TRIO™** for consumer electronics applications
- ✓ 2024 expected to be first full year of profitable results
- ✓ Our strong cash balance supports the growth trajectory ahead
- = ***A transformed company, with a strong growth story***





ENABLING TECHNOLOGY THROUGH THIN-FILM DEPOSITION

- Experts in materials science who create world-leading, highly precise and durable coatings
- 30 years of HDD media leadership and experience
- Recent development of a significant industry partnership with the industry leader in display glass for the consumer electronics market (December 2022)
- Led by a highly experienced management team with a vision and strategy to deliver growth
- A culture of innovation and execution, with our new product development focused on expanding into attractive new growth markets that leverage our core expertise
- 120+ patents issued or pending





ENABLING TECHNOLOGY THROUGH THIN-FILM DEPOSITION

- Intevac is a global supplier for hard disk drive (HDD) manufacturing and a key enabler of process advancement
- ~65% market share of worldwide media capacity – currently expanding share through technology upgrades (immediate term) and capacity additions (longer term)
- We are a customer-focused industry leader with people and products that are deeply embedded with HDD suppliers
- 20+ year relationships with these customers





A GLOBAL COMPANY WITH 166 EMPLOYEES

Located in the heart
of Silicon Valley



USA

Intevac USA (Santa Clara, CA USA)

- Corporate HQ
 - Research center
 - Sales & Business development
 - 75,000 ft² facility



Japan (Distributor)



China



Malaysia



Singapore

Intevac Asia (Singapore)

- Manufacturing & Engineering
- Sales & Service
 - 32,000 ft² Manufacturing facility
 - Cleanroom (<1000 ppm)
 - Center of Excellence for 200 Lean®



GROWTH STRATEGY



Expand into new markets with leading partners

Leveraging decades of thin film technology expertise to penetrate new markets – including the recently-announced JDA to deploy the TRIO™ platform in partnership with the industry leader in display glass for the consumer electronics market.



Continue to drive market leadership in HDD

Continued engagement and partnership with key customers, with 100% of investments in technology upgrades (near term) and capacity additions (longer term) taking place on flagship 200 Lean® platform.



Create opportunities that go beyond

Long-term investment in R&D.
Develop and acquire technologies.





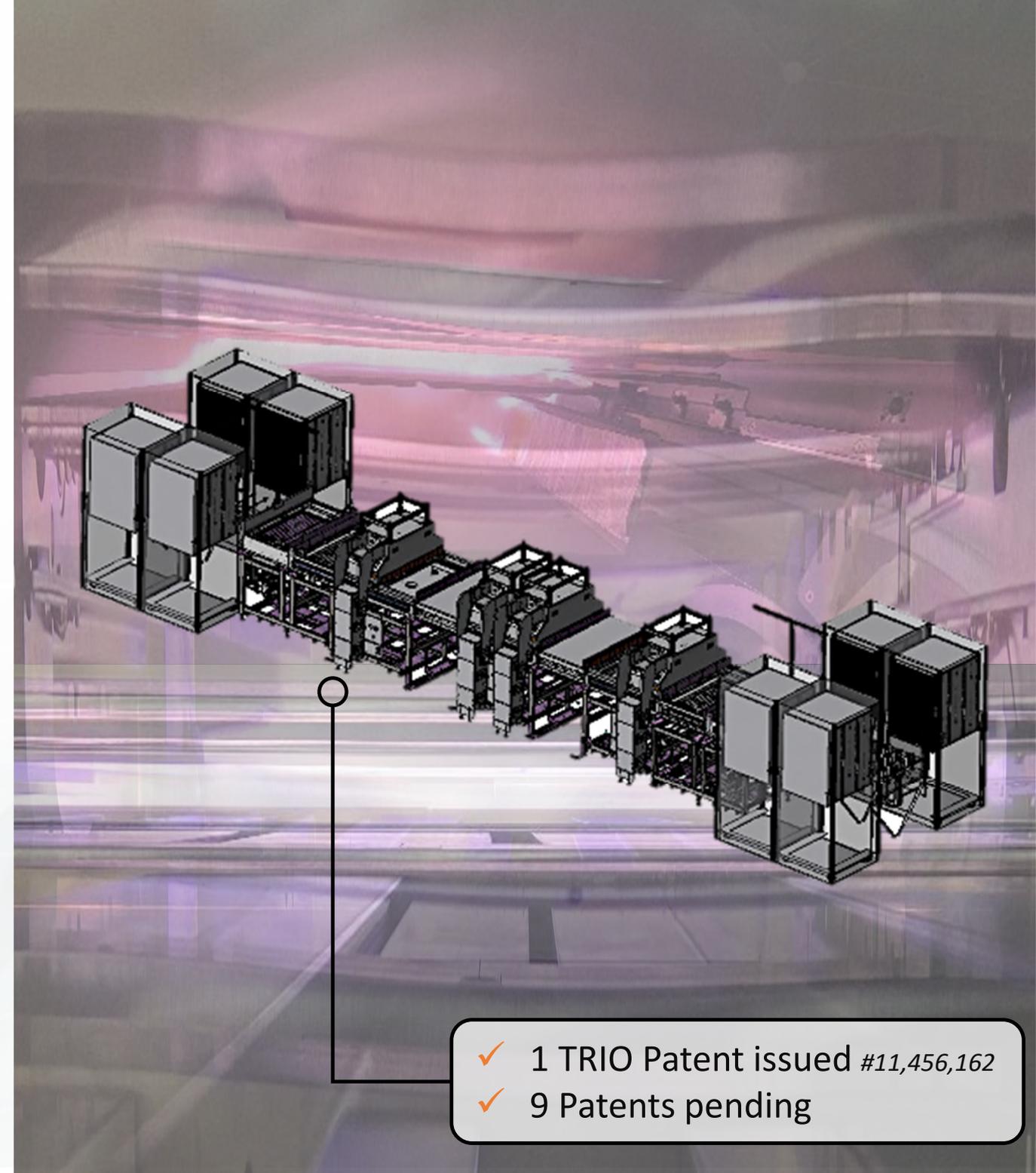
TRANSFORMATIONAL TECHNOLOGY WORLD-CLASS PARTNERSHIP

New Platform, Developed 2022: TRIO™

New Partnership, Signed 2022: Leading Display Glass Co.

The TRIO enables customized coatings for applications in diverse end-markets of consumer electronics, IT products, automotive, and semiconductor.

- ✓ Leveraging materials science expertise, and the system and modular automation technology, built upon decades of market leadership in HDD.
- ✓ Uniquely capable of depositing customized, application-specific coatings onto a variety of substrate sizes, at very high throughputs, high yields, and lowest cost of ownership.
- ✓ Patent-protected hardware and AI software controls for best-in-class uniformity at the sub-micron level.
- ✓ Provides the ability to cost-effectively add high-performance coatings on a wide range of devices, enabling customers and partners to utilize a single manufacturing platform for nearly every end market application.
- ✓ Modular design that can be built to handle individual component parts or large panels, including 3D shapes, and coat various types of substrate materials, including glass, glass-ceramics, silicon, polymers and more.



✓ 1 TRIO Patent issued #11,456,162
✓ 9 Patents pending



TRIO™ PARTNERSHIP AT-A-GLANCE

Completed before year-end 2022, Intevac's joint development agreement with a major provider of glass and glass ceramic materials is a landmark event for the Company

- ✓ Provides this major provider of glass and glass ceramic materials five years of exclusive access to the TRIO™ for consumer electronics applications
- ✓ To maintain exclusivity, a minimum of approximately \$100 million in system sales is required to Intevac over the five years
- ✓ ASP and gross margin profile similar to that of flagship 200 Lean® platform
- ✓ First revenues expected in 2023
- ✓ Intevac will continue to pursue additional customers and partnerships in other markets
- ✓ Transforming the future growth and profitability profile of Intevac





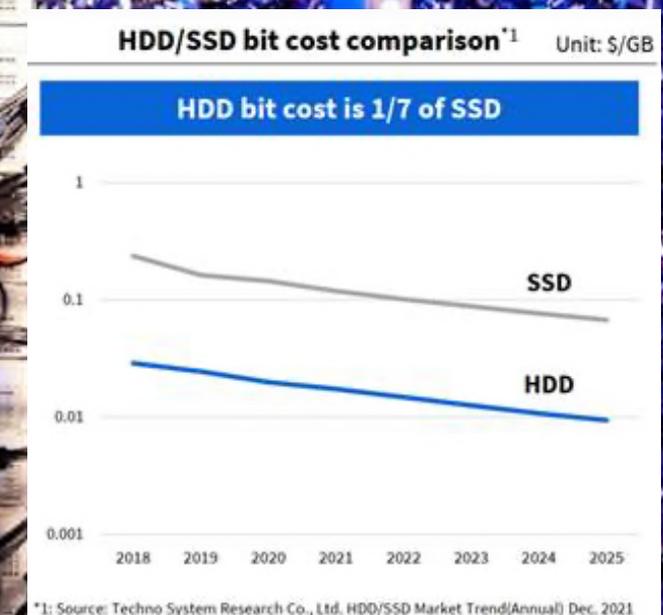
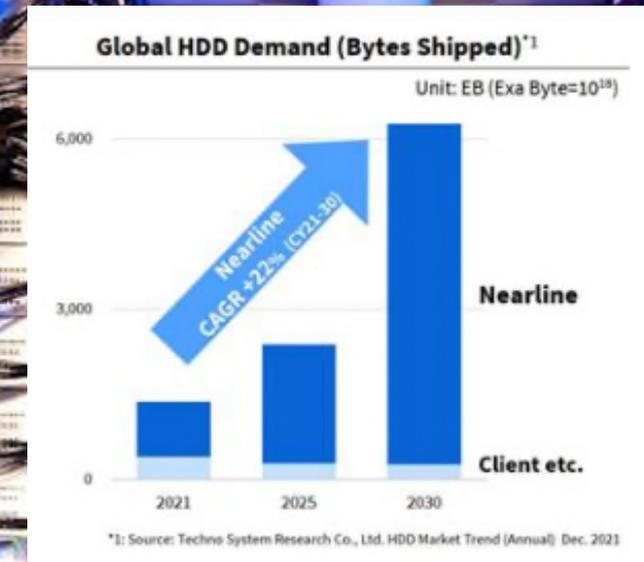
HDD MARKET ENVIRONMENT

HDD Media – A market driven by mass-capacity drives

- Mass-capacity drive demand fueled by long-term growth in data center
- Nearline storage demand continues to drive majority of HDD growth
 - ✓ 20-year CAGR of 22% expected through 2030
- >85% of storage industry needs (in Exabytes) served by HDD over SSD
 - ✓ 7-to-1 advantage in cost per bit persists
- Next major technology change underway (HAMR)
 - ✓ Intevac working in close partnership with customers on their heat- and energy-assisted media technology roadmaps

We are well positioned to take advantage of these trends

- ✓ \$122 million of HDD backlog supporting near-term technology upgrades and longer-term media capacity additions
- ✓ Expect 100% of new technology and capacity are being deployed on our industry-leading 200 Lean® platform





INVESTING IN OUR LEADERSHIP TEAM TO DRIVE SUCCESS IN OUR GROWTH STRATEGIES



Nigel Hunton
PRESIDENT & CEO

30+ years of executive experience in the semi-industry and other high-tech sectors with a proven track record of increasing shareholder value and delivering results.



James Moniz
CHIEF FINANCIAL OFFICER

30+ years of finance experience, extensive public company experience with 20+ years in senior executive roles.



John Dickinson
VP, OPERATIONS

30+ years of experience in engineering and operational leadership roles at some of the world's leading capital equipment companies, with particular expertise in the introduction of new technologies.



Sam Harkness
VP, TECHNOLOGY

25+ years experience in coatings and materials science, with a proven track record of driving technologies from laboratory to production.



Mark Popovich
VP, BUSINESS DEVELOPMENT

25+ years as coating industry expert with executive leadership in the display and semiconductor industries. Former CEO of 3D Glass Solutions.



Eva Valencia
VP, SALES & SERVICE

20+ years leading global sales organizations, including MKS Instruments, Photon Control, and Ferrotec. Proven track record driving rapid growth and expansion in the capital equipment industry.



Celeste Ng
GLOBAL HR DIRECTOR

21+ years of Regional Human Resources experience in Semiconductor and HDD industry.



Eng Hong Pay
GM, ASIA

25+ years of experience in managing operations in the equipment manufacturing industry for HDD and Semi-con customers.

UNPRECEDENTED VISIBILITY AND GROWTH TRAJECTORY SUPPORTED BY STRONG BALANCE SHEET

**Strong
Visibility
and Growth
Trajectory**

\$122M HDD Backlog⁽¹⁾ and \$100M+ Revenues in New Market

~\$300M HDD Revenue opportunity (over 5-year period 2022-2026), driven by HAMR upgrades to 200 Lean® installed base (near-term), and new systems for capacity (longer-term)

HDD customers prioritizing technology upgrades in 2023, with majority of \$70M system backlog to ship across 2024 through 2026 timeframe

New TRIO™ partnership includes annual revenue commitment, minimum of approx. \$100M (over 5-year period 2023-2027), with significant upside potential

**Maintaining
Strong
Balance
Sheet**

Strong Financial Footing

\$113M Cash at 2022 end⁽¹⁾ (\$4.42 per Share)

No Debt

While making focused / incremental investments for growth

Investing in long-lead-time inventory to support both HDD and TRIO growth in 2023

Track record of closely managing cash; used only \$8 million total cash during 2022

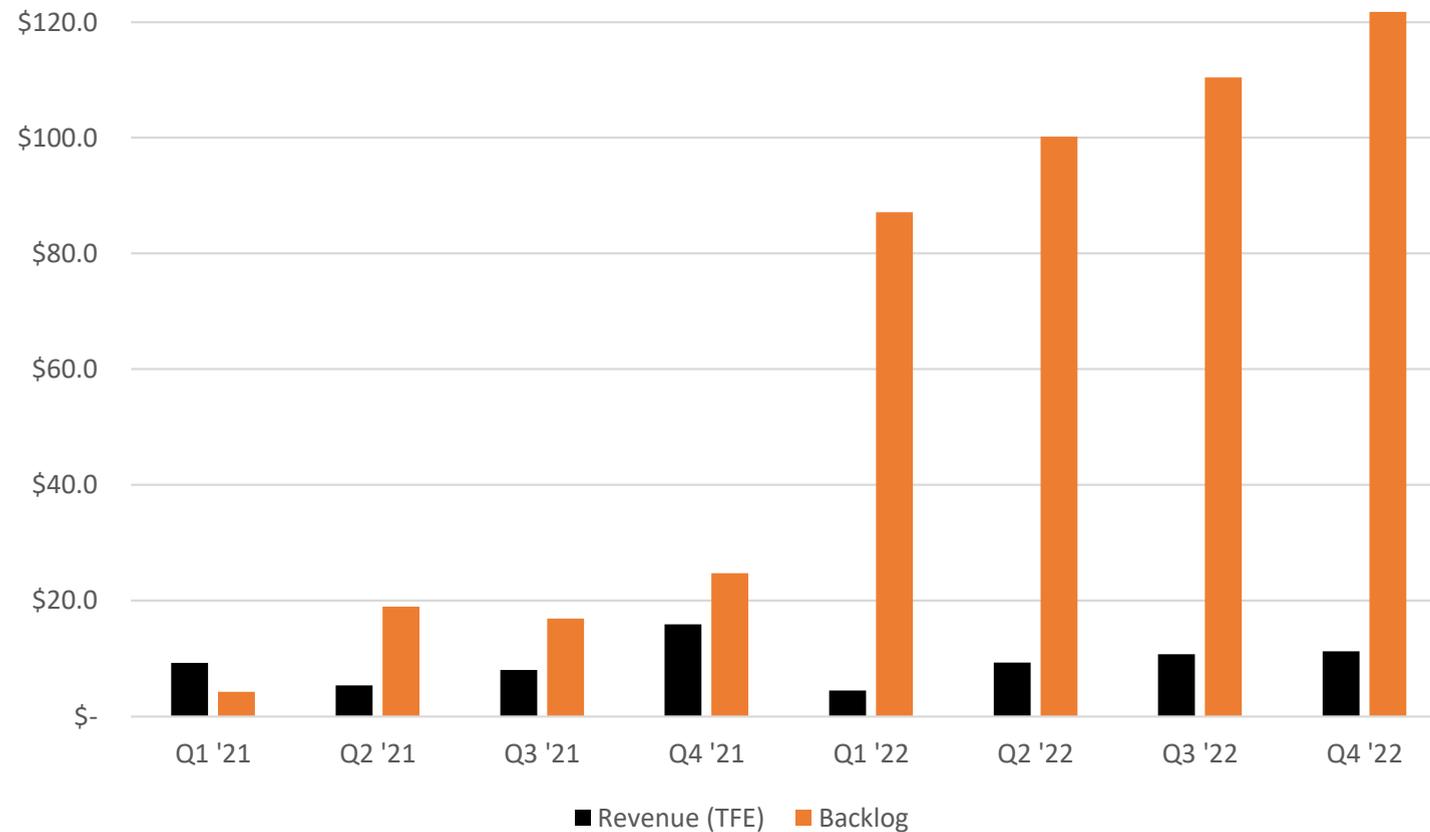
(1) December 31, 2022.

(2) Outlook as of February 1, 2023 earnings call.

FINANCIAL SUMMARY

Revenue and Backlog

(Thin-film Equipment, in \$M)



(1) Outlook as of February 1, 2023 earnings call.

Q4 2022 Results

Revenue	\$11.3M
Gross Margin	44%
Operating Expenses	\$8.3M
EPS	(\$0.13)

FY 2022 Results

Revenue	\$35.8M
Gross Margin	42%
Order Backlog	\$122M
Total Cash	\$113M
Tangible Book Value	\$122M

Q1 2023 Guidance⁽¹⁾

Revenue	\$10.5M - \$11.5M
Gross Margin	40 - 42%
Operating Expenses	\$9.0M - \$9.5M
EPS	(\$0.16 - \$0.20)



CAPITAL STRUCTURE

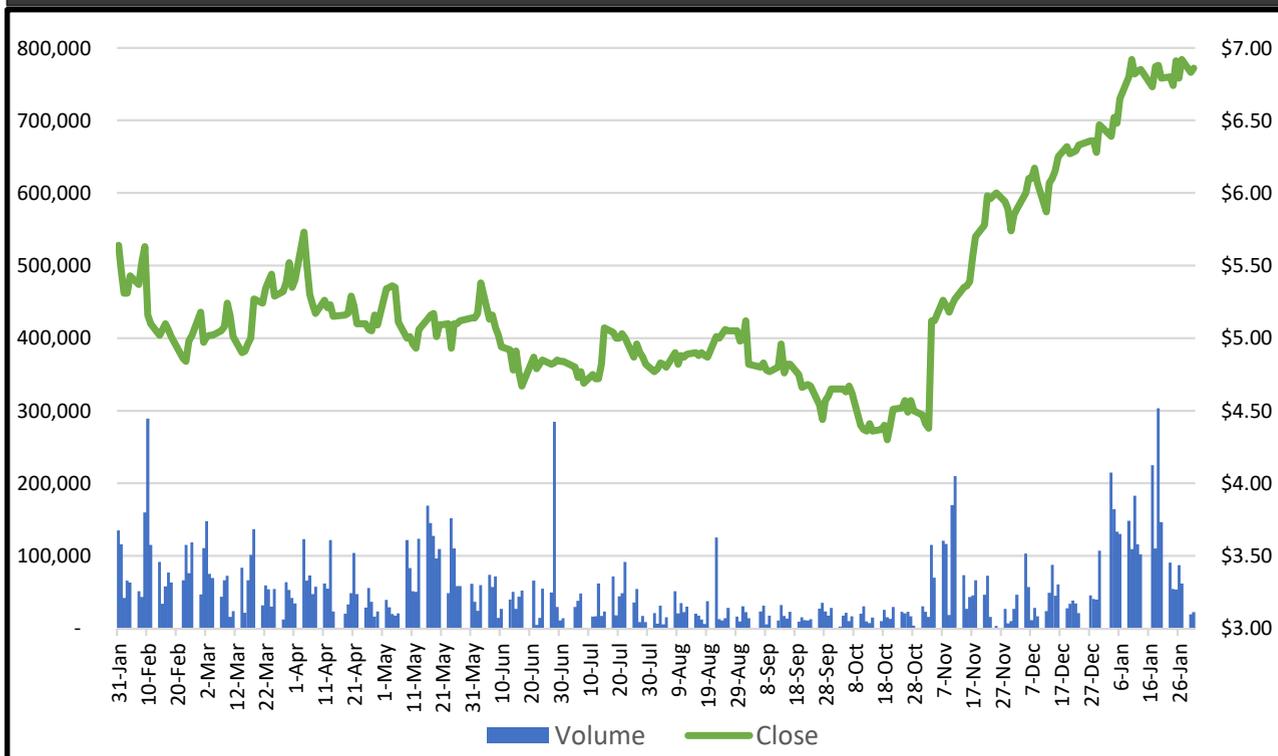


Analyst Coverage **Rating**

BENCHMARK = BUY

PCG
PARTNER CAPITAL GROUP = VALUATION BUY

Share Performance



Share Structure ⁽¹⁾

Common Shares Outstanding	25.5M
Dilutive Securities – Options & RSUs	1.3M
Fully-Diluted Shares Outstanding	26.8M
Share Price	\$6.86
Market Capitalization	\$184M
Total Cash & Investments	\$113M
Debt	\$0M
Deemed Enterprise Value	\$71M

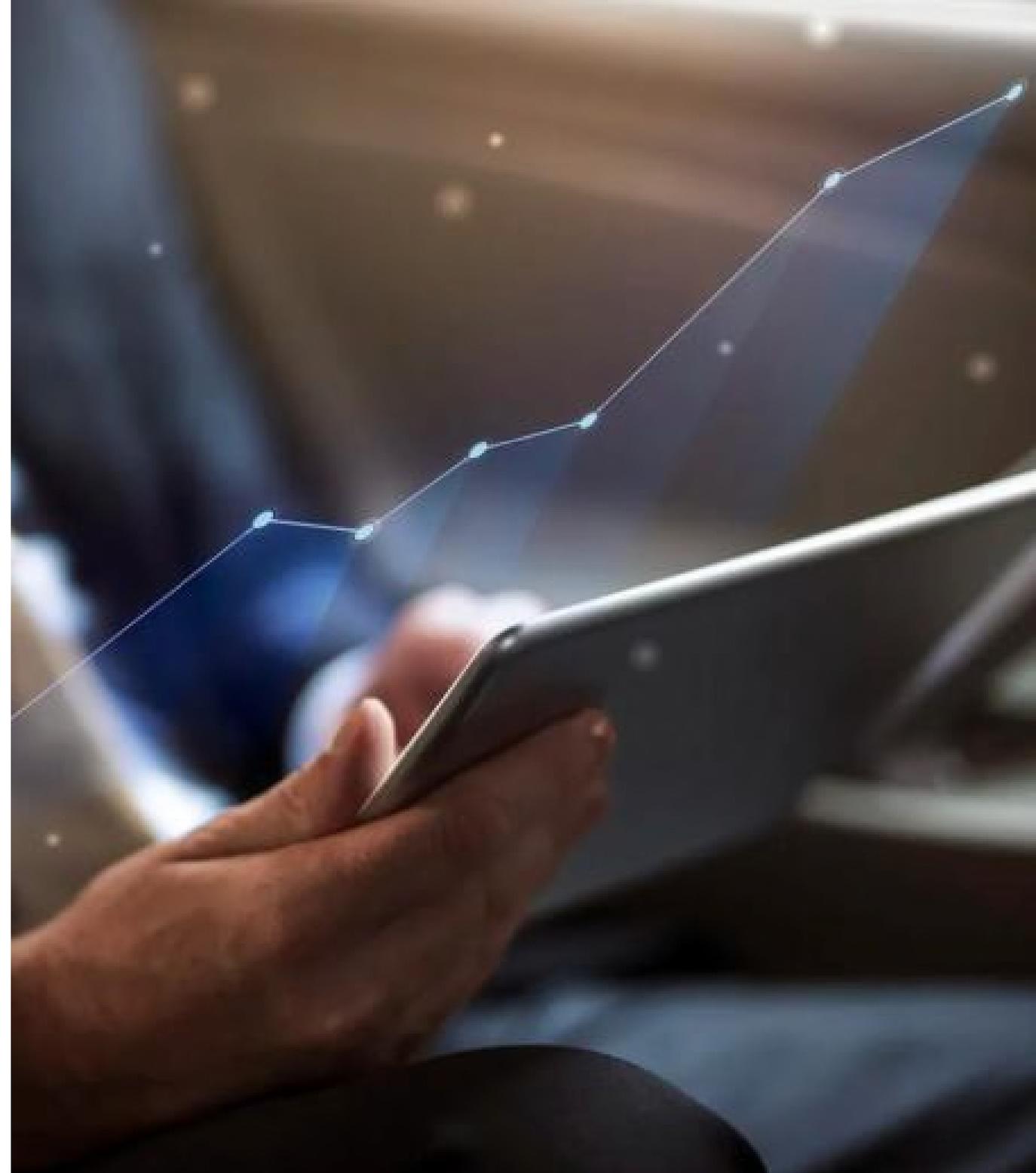
(1) Common shares outstanding as of December 31, 2022. Total Cash, Restricted Cash, and Investments as of December 31, 2022. Share Price at January 31, 2023.



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BOARD OF DIRECTORS

A group of recognized and established technology and business leaders, well-positioned to support management



David Dury

INDEPENDENT CHAIR

Industry veteran with executive management experience in semiconductor, disk drive, and software industries, followed by venture capital.



Nigel Hunton

PRESIDENT & CEO

30+ years of executive experience in the semi-industry and other high-tech sectors with a proven track record of increasing shareholder value and delivering results.



Kevin Barber

INDEPENDENT DIRECTOR

Wide industry experience in semi, display (touch screen) and mobile industries, currently serving as CEO of Ensurge Micropower ASA. Previously with Synaptics.



Dotty Hayes

INDEPENDENT DIRECTOR

Deep expertise in the design and oversight of business and financial processes, including strategic planning, stemming from her extensive global technology company experience.



Michele Klein

INDEPENDENT DIRECTOR

Extensive semi industry experience, founded 4 technology start ups and led 2 optical inspection companies from inception to acquisition.

INTRODUCING TRIO™

Intevac.com | [NASDAQ \(IVAC\)](https://www.nasdaq.com) | ir.Intevac.com



INTEVAC



INTRODUCING TRIO™

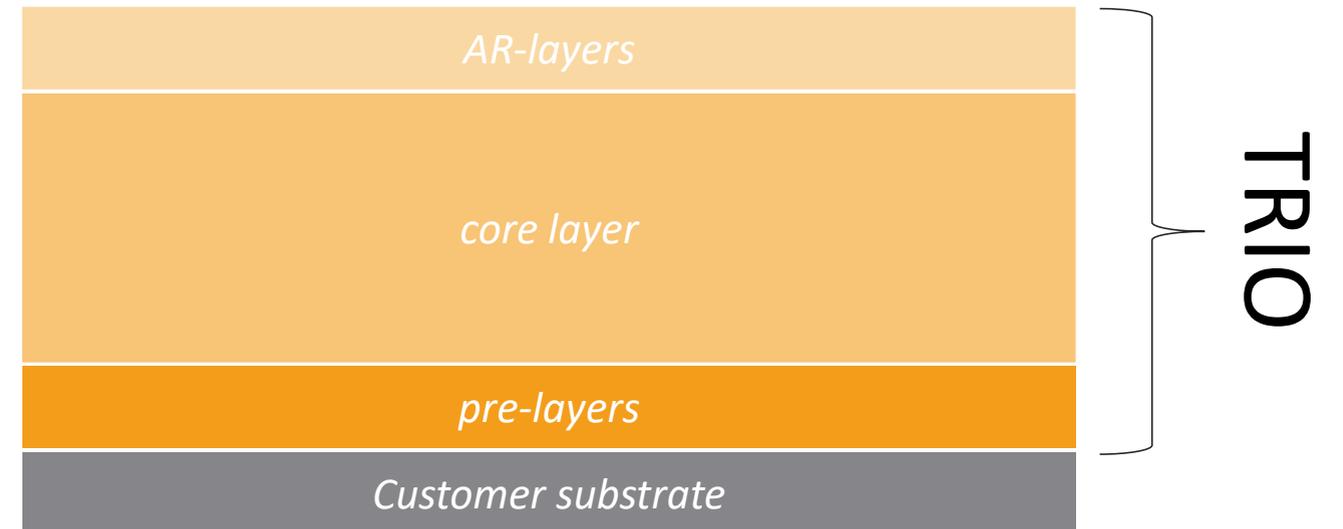
A single, compact, machine capable of coating 2D & 3D cover glass substrates at high continuous volume with all 3 layers of the film stack in one flow process.

High speed output, with low TAKT time to produce thick core layer coatings ($> 1\mu\text{m}$).

Unique patented plasma control technology enables high-rate sputtering, resulting in ultra-dense, high hardness coatings at low CoO.

TRIO™ system combines both capabilities of Drum and In-Line coating systems.

TRIO™ system is modular and expandable to meet future technology needs.



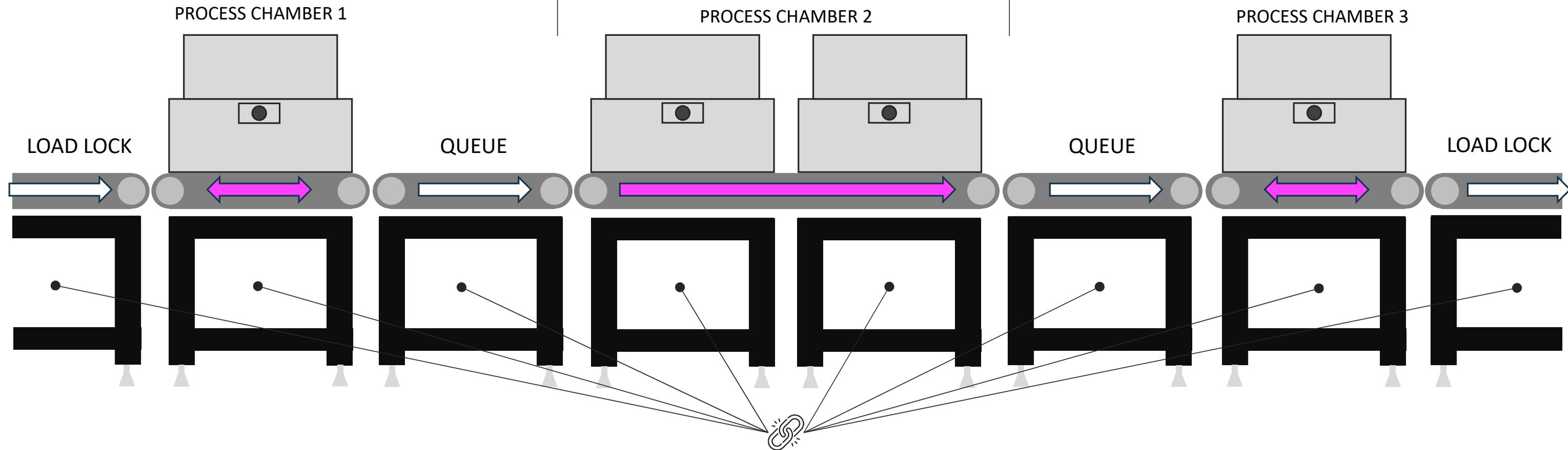


TRIO DESIGN SIMULTANEOUSLY OPERATES IN ALL 3 PROCESS MODES

PRE-LAYERS APPLIED IN A FORWARD-
BACKWARD CONSTANT MOTION OPERATION

THICK CORE LAYER APPLIED IN
CONTINUOUS LINEAR FLOW

ANTI-REFLECTIVE LAYER APPLIED IN FORWARD-
BACKWARD CONSTANT MOTION OPERATION



All common modules linked to form a linear system