

IDEX Biometrics ASA

(NASDAQ: IDBA)

Revenues Continue to Ramp as More Banks Pilot and Roll Out Fingerprint Cards

We are valuing IDEX on 2025 revenues discounted to today using the average EV/Sales of other fabless semiconductor companies that trade at 6.9 times 2022 estimated sales.

Current Price (8/11/2022)

\$8.77

Valuation

\$75.00

OUTLOOK

IDEX Biometrics is a Norwegian-headquartered fabless semiconductor company largely operating from the US with a US based senior management team that provides hardware and software systems to create biometric fingerprint protected payment cards and other smart card solutions. Next generation payment cards are being rolled out and starting to ship in volume at the end of this year. Visa, Mastercard and China UnionPay have already certified its technology. Its solution results in a payment card cost that is 30-50% less expensive than cards built with the competition's solution through leading-edge design and is protected by IP. Without legacy product to cannibalize, IDEX provides a pure play in fingerprint based biometric solutions.

SUMMARY DATA

52-Week High	31.25
52-Week Low	7.24
One-Year Return (%)	-54.2
Beta	1.4
Average Daily Volume (sh)	1,621

ADS Outstanding (mil)	13.5
Market Capitalization (\$mil)	\$118
Short Interest Ratio (days)	1.8
Institutional Ownership (%)	5
Insider Ownership (%)	21

Annual Cash Dividend	\$0.00
Dividend Yield (%)	0.00

5-Yr. Historical Growth Rates	
Sales (%)	N/A
Earnings Per Share (%)	N/A
Dividend (%)	N/A

P/E using TTM EPS	N/M
P/E using 2022 Estimate	N/M
P/E using 2023 Estimate	N/M

Risk Level	Above Average
Type of Stock	Small Growth
Industry	Elec Comp-Semis

ZACKS ESTIMATES

Revenue

(In millions of US\$)

	Q1	Q2	Q3	Q4	Year
	(Mar)	(Jun)	(Sep)	(Dec)	(Dec)
2020	\$0.1 A	\$0.1 A	\$0.2 A	\$0.6 A	\$1.1 A
2021	\$0.6 A	\$0.7 A	\$0.7 A	\$0.8 A	\$2.8 A
2022	\$1.0 A	\$1.1 A	\$1.0 E	\$2.0 E	\$5.1 E
2023					\$50.0 E

Earnings per ADS

	Q1	Q2	Q3	Q4	Year
	(Mar)	(Jun)	(Sep)	(Dec)	(Dec)
2020	-\$0.66 A	-\$0.65 A	-\$0.65 A	-\$0.67 A	-\$2.62 A
2021	-\$0.65 A	-\$0.59 A	-\$0.61 A	-\$0.80 A	-\$2.66 A
2022	-\$0.60 A	-\$0.68 A	-\$0.56 E	-\$0.44 E	-\$2.27 E
2023					-\$0.28 E

WHAT'S NEW

IDEX Biometrics and its partners continue to sign new end user customers as many banks move into pilots and rollouts. While the industry is distracted by trying to get enough secure element chips for its current contactless payment cards, consumers are asking for fingerprint cards. First to adopt are the high-end customers who want the next innovation, or at least scarcity value. To date the most exciting options have been metal cards which may look better or at least be novel, but don't add any features, or at least any positive ones. Fingerprint cards at least have better security and are easier to use. From a simple payment card base, other applets can be added to make the card even more useful as we see from crypto wallets and unlocking other apps on a phone more securely than a password as you need a separate physical card apart from the phone. With the increasing penetration of computers that allow logins from a thumbprint, consumers are more and more accustomed to that method rather than pins and passwords. We can see that technology penetrating more applications, from starting the car to unlocking a door. Or imagine a fingerprint Kroger card automatically verifying the buyer is over 21 when purchasing wine. It's easy, it's secure and it's labor saving.

IDEX cited another specific application that it hopes to bid on through its European partners—the French health care card. On August 5th, The French parliament approved a €20 million project for a biometric version of France's health card which is called "Carte Vitale." This fingerprint card could securely link the health care system to a patient's bank account without the collection or storage of fingerprints, which reside solely on the card. France has acknowledged that there are seven million more cards in use now than there are French residents and fraud is in the billions of Euros per year. While some in the government are against the card and insist this would require the collection and storage of fingerprints negating privacy, we know that the IDEX technology needs no such thing. The system has 65 million cards and if seven million are fraudulent, that is roughly 10% of the total. Clearly the small cost of new fingerprint cards would be more than compensated by weeding out the fraud. We envision many more applications for this technology beyond government IDs.

Q2 Revenues Show a Continued Ramp

Q2 showed a continued revenue ramp as current customers took more product than in Q1. We had expected slightly higher revenue for the quarter, but a \$166,000 order slipped into Q3 due to supply chain issues caused by shut downs and quarantines in Shanghai and other parts of China. That \$166,000 order was shipped in Q3. IDEX has its products assembled and tested in Shanghai and the challenge now is to make up for lost production time. Issues in China have lessened there, as plants reopened and quarantine requirements have been reduced. All of IDEX's products go through Shanghai. It is currently investigating the possibility of using its vendor's facility in Portugal as another option. As a result of shut-downs, the supplier lost a number of weeks of production which we expect to impact IDEX in Q3 and possible Q4 and as a result we are lowering near term revenue expectations. It is still expected that sometime in 2023 the industry will hit the inflection point and sales should take off. The card industry is still experiencing shortages of secure element chips slowing plans by customers to roll out biometric cards, but it appears shortages are not as bad as they once were.

Revenues in Q2 were generated by the same set of customers as in Q1: Bloomberg, IDEMIA, Zwipe, Dongwoon (first time), and one other customer that is also using product for security access. By year end, we expect more shipments to IDEMIA as it signs and starts to ship to yet unannounced large bank customers.

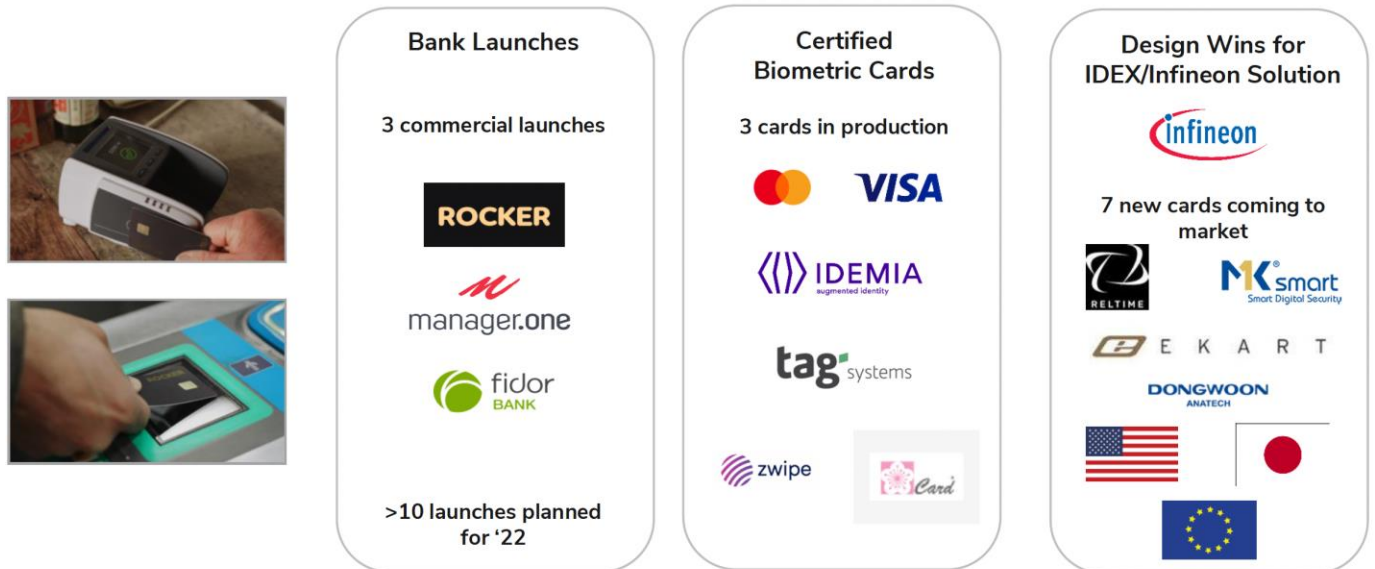
In response to delays and to preserve cash, IDEX is working to lessen its cash burn by reducing staff going forward and particularly in R&D as much of that work is behind it. More spending will be allocated to sales and marketing as industry interest picks up as competitors start their introductions. There is solid

demand from end users wanting to adopt both the next cool technology as well as the increased security fingerprint cards afford.

First Half Highlights

The chart below looks much the same as the Q1 Highlight slide, with only the addition of Reltime to design wins for the IDEX/Infineon solution.

1H 2022 Highlights



Source: IDEX Biometrics

Three cards were launched in Q1 quarter, with the first two via IDEMIA:

Rocker, an innovate fintech based in Stockholm, launched “Rocker Touch,” fingerprint card from IDEMIA. To get this card, customers must subscribe to Rocker’s Premium service, which costs SEK 99 (US\$10.54) a month. The Premium level also includes a virtual card, full control of finances in one app, up to 1.20% in savings interest, up to 10% cash back, no withdrawal fees or currency surcharges, and travel insurance. Rocker has about 200,000 customers and we believe less than 10% have the premium offering based by the recent statement by Rocker that “several thousands have received the biometric card.”

Manager.one also has a Visa card based on IDEMIA’s F.CODE that is a corporate payment card that also provides online expense management for businesses. Manager.one is an online banking platform, dedicated to professionals and company directors. It is a partnership between the **Banque Wormser Frères** and SaGa Corp, a Fintech company and was founded in 2017.

Zwipe is piloting cards with **fidor bank** in the second half of 2022. Fidor is a German bank with locations in Munich and Berlin. In addition to fidor, Zwipe’s partners and customers include: national bank of Iraq, Legic, Placard, Wisecard, Qatar Fintech Hub, Modular, SCS Jordan, Mediterranean Bank, K2, and Mansour Bank. Current estimates for Zwipe’s revenues are:

Key Financials (NOKm)	2020	2021	2022E	2023E	2024E
Revenues	2	3	27	338	724

A new card that is about to launch with a Turkish bank is a result of IDEX's collaboration with E-Kart to market to Eastern Europe. E-Kart is a joint venture between global card manufacturer Gisecke & Devrient (G+D) and Eczacıbaşı Holding. E-Kart, as one of the largest card manufacturers in Europe, has a production capacity of 60 million smart cards. Cards are expected to begin being delivered to issuers in Q4 2022 and be available to consumers in Q1 2023.

There also will be six other new cards coming to market in 2022 via the Infineon partnership:

- IDEX announced this first design win for its turnkey solution in partnership with Infineon in Q4. The customer is unnamed Asian company and a leading global smartcard manufacturer.
- Dongwoon Anatech of South Korea selected IDEX Biometrics as its biometric sensor partner for secure access control and digital identity solutions. Dongwoon Anatech received its first shipments from IDEX in Q1 2022 and will roll out this year.
- MKSmart based in Hanoi who is a top ten provider of smart cards.
- A large, unnamed US card manufacturer.
- A European card manufacturer with US operations targeting fintech companies aka challenger banks.
- Reltime

Our Turnkey Solution Is Accelerating Investment



- Full solution includes proprietary COS and custom inlay
- Seven confirmed design wins coming to market
- Six additional new designs in the pipeline
- Combined contactless card volumes > 1.5 billion cards
Source: IDEX Biometrics

	Largest system integrator in Japan Payment cards and Digital Access cards
	DONGWOON ANATECH UBIVELOX Payment cards and Digital Access across SEA – TAM > 5MN cards
	E K A R T Turkey is Europe's largest payment market, with 260M cards
	MKsmart Smart Digital Security Top 10 card manufacturer globally; certified by VISA, Mastercard, CUP, JCB
	In development with one of India's leading manufacturers for RuPay

Smart card manufacturers in development with IDEX Turnkey

After the Quarter Ended

Yesterday IDEX announced it received a new material order for its advanced fingerprint sensor technology, which will be deployed in a customer's digital authentication application. The customer is a large US company with a global footprint which we believe is probably Bloomberg. This order represents the largest single order in IDEX history. Shipments against this order will begin in the fourth quarter of 2022. We believe that this order is a renewal of Bloomberg's three-year contract that was signed in 2020 and must be expiring. At

that time the contract was for a total of \$7 million and this time the value must be higher to be the largest order. This order is not for biometric payment cards, but for digital authentication.

As demand continues to increase, IDEX Biometrics is expecting additional production orders throughout the second half of 2022 from both existing customers, and new customers who have not yet been announced.

Q2 2022 Financial Results

In Q2 of 2022 the company generated \$1,108,000 in revenues, sequentially up again from \$989,000 in Q1 2022, and compared to \$697,000 in Q2 2021.

Q2 sales yielded a gross margin of 6.7% versus 56.4% due to having to adhere to negotiated pricing from years ago netted against increased prices for components. We expect gross margins to improve as volumes ramp to production levels and IDEX renegotiates selling prices. Operating expenses increased to \$8.4 million in Q2 2022 versus \$7.8 million in Q2 2021 with most of the increase was in other operating expenses where sales and marketing spend increased. R&D expense was \$958,000 compared to \$881,000. The company expects that expense to decline 15% as much of the R&D work has already been done. At the end of June there were 106 employees compared to 109 at this time last year.

The operating loss was \$8.3 million compared to a loss of \$7.4 million last year. The net loss was \$9.2 million versus \$7.2 million a year ago. The non-GAAP loss was \$8.6 million versus \$6.7 million, an increase of \$1.9 million. The non-GAAP loss takes out stock-based compensation and the inventory write down.

GAAP loss per share was \$0.009 versus \$0.008, and non-GAAP was a loss of \$0.008 compared to \$0.007 a year ago. The average share count increased 10.4% to 1.013 billion primary shares. GAAP loss per ADS was \$0.68 versus a loss of \$0.59 last year. The non-GAAP loss per ADS was \$0.62 versus \$0.55. Adjusted EBITDA loss in this quarter was \$7.3 million compared to \$6.4 million in Q2 2021. Cash flow (not including changes in working capital) was a negative \$8.3 million compared to a negative \$6.2 million. The company is proceeding to take efforts to reduce expenses and cash burn including a reduction in headcount.

Balance Sheet

At the end of June, IDEX had \$16.3 million in cash and equivalents, \$18.8 million in working capital and no debt. In Q2, free cash flow was a negative \$8.4 million. As of August 2, 2022, the company had 1,013 million primary shares outstanding or **13.5 million** ADSs. The company is burning about \$6-\$7 million per quarter which it expects to reduce as sales ramp. It is evident the company will need to do a capital raise soon. Although we do not know the company's plans, we expect a raise some time before year end. Most likely in a PIPE deal and potentially with strategic investors participating. Rather than one large raise, it is possible the company does two small ones in the hopes of doing the second one at higher prices next year. Just as a placeholder we have incorporated a \$20 million raise in Q3-Q4 and another in Q2 of next year to our share count.

KEY POINTS

- IDEX Biometrics was founded in Norway in 1997 and since 2014 has largely become a US centric product company with extensive expertise in fingerprint biometrics and semiconductor and systems design. It is a fabless semiconductor company that targets primarily the payment card industry and is

just starting to ship production volumes of its next generation sensors and solutions to major card providers.

- Next generation payment cards will have fingerprint authentication embedded sensors and chips. Importantly this generational switch will not require new POS equipment as with chip and PIN and the transition should occur much faster. This technology is expected to reduce fraud and increase usage easily providing payback for banks even with the incremental cost. IDEX's unique patent-protected "*off-chip*" design allows cards to be manufactured at less than half the price of competitors by separating the fingerprint sensor from its controller chip thus allowing the use of a smaller, newer, and more powerful chips.
- Despite the existence of smartphone-based payment systems, market researcher Nilson still believes the market for payment cards will increase 7.3% per year. There are 23.6 billion payment cards in use globally. In 2021, 2 billion of them were contactless. Biometric payment card units are expected to grow to 500 million by 2025. IDEX could receive \$3 per card of the market share it captures.
- IDEX has already had its design certified by the three major card networks, VISA, Mastercard and China UnionPay. It is already providing cards in small quantities to card issuers to sample and conduct pilots at banks in various countries, with rollouts expected next year.
- In 2021 the company started sample product to major card providers who in turn will sell to their customers worldwide. In addition, it will be selling production volumes to customers in the secure access control business and other applications such as IOT.
- As a fabless semiconductor company with high operating leverage, it is expected to be at very high pretax margins once it ramps revenues and it deserves an enterprise value to sales valuation in line with its peers that trade at 6.9 times 2022 revenues. It currently trades at \$121 million market cap and a \$105 million enterprise value. We believe that by 2025 it has the potential of \$500 million in sales at which point it could be valued as a \$3.7 billion company.

OVERVIEW

IDEX Biometrics was founded in 1997 and is headquartered in Norway. The company has 106 employees and currently operates from offices in Wilmington, MA and Rochester, NY, Farnborough, UK, Shanghai China, and Norway. It files financials in Norway and is listed on the Oslo Bors, and NASDAQ trades its ADR.

It sells its system solutions which include fingerprint sensors, chips, and the software to make them function, to companies that incorporate fingerprint identification technology into their products. IDEX is targeting primarily the payments card market including contactless debit and credit cards. The company also supplies its products for access control and IoT. It has developed a unique design that fits the specific parameters required for cards including energy harvesting and low power operation at industry leading costs. Its only competitor is Fingerprint Cards AB (FPC) of Sweden, who has participated in more pilots with partners but is offering an older, more expensive, larger, and kludgy solution. IDEX believes customers will see its cost, design, and performance advantages and it will capture large market share in this nascent industry.

VALUATION

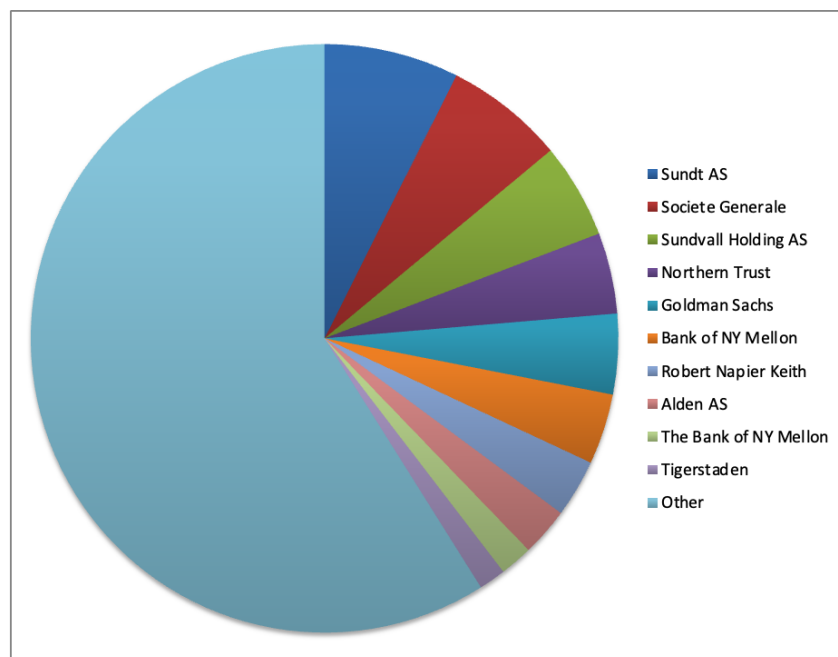
IDEX is now at a run rate of \$4.4 million in revenue but is entering the production ramp of its life cycle in 2023. To value the company, we need to look to future years and discount valuations back to today to calculate a current price for IDEX. From the comp chart below, we see that the average fabless semiconductor company trades as an average of 6.9 times enterprise value to 2022 estimated sales. If the market is 500 million cards by 2025, and the company can take 50% of the market (since there are only two players) and gets paid \$3 per card, by 2025 IDEX could easily reach \$500 million in sales or higher. That would result in an enterprise value of \$3.5 billion. The company has 1.013 billion primary shares outstanding and fully diluted share count of approximately **1.03 billion fully diluted shares**. Divided by 1.03 billion gives us a stock price of \$3.35 share. Discounting that by 30% per year to current value gives a stock price of \$1.52 per share. To be conservative we are starting with a valuation of \$1.00 per share and will increase that as we see it ramp revenues and land design wins on it path to our earnings expectations. Translating that \$1.00 price per shares to ADS is \$75.00 per ADS.

Company	Ticker	Calendar			EBITDA	EBITDA Margin	Enterprise Value / Sales			EV/EBITDA	Included in Average?	Ent. Value
		2023E	2022E	LTM			2023E	2022E	LTM			
AMD	AMD	\$29,730	\$26,240	\$21,580	5,640	26%	5.6x	6.3x	7.7x	29.4x	y	165,600
Broadcom	AVGO	NA	\$37,060	\$29,990	16,850	56%	NA	0.0x	0.0x	0.0x	y	254
Cirrus Logic	CRUS	NA	\$1,898	\$1,780	428	24%	NA	2.4x	2.6x	10.7x	y	4,570
Marvell	MRVL	\$7,240	\$6,190	\$5,080	1,490	29%	7.3x	8.6x	10.4x	35.6x	y	53,000
Monolithic Power Sys	MPWR	\$2,110	\$1,810	\$1,330	351	26%	11.4x	13.3x	18.0x	68.4x	y	24,000
NVIDIA	NVDA	\$38,400	\$33,340	\$29,540	12,530	42%	12.2x	14.1x	15.9x	37.5x	y	470,200
Rockley Photonics	RKLY	\$172	\$23	\$7	(123)	-1668%	1.5x	11.1x	33.9x	-2.0x	n	251
Qualcomm	QCOM	NA	\$45,700	\$42,140	16,790.0	40%	NA	3.9x	4.2x	10.6x	y	178,300
Average						-119%	9.1x	6.9x	8.4x	27.5x		127,989

RISKS

- The use of biometric payment and security cards is primarily in the pilot stage. There is no assurance more customers will ultimately choose to use this technology or that it will work as expected.
- IDEX is just starting to move to produce larger volumes of product. There is no assurance they will be able to successfully manufacture product in the volumes needed at the cost expected.
- Production ramps and customer acceptance and rollouts may take longer than expected and forecasts may not be achieved in the time frame we predict.
- The company is still losing money and is cash flow negative. We expect it will need further funding before reaching cash flow break even, diluting current shareholders.

OWNERSHIP



INCOME STATEMENT

US\$ in Thousands

	Q1 21	Q2 21	Q3 21	Q4 21	Q1 22	Q2 22	Q3 22E	Q4 22E	2020	2021	2022E	2023E
Product sales	623	696	731	787	989	1,005	3,000	15,000	1,013	2,837	5,097	\$ 50,000
Other operating income	1	1	1	0	0	103	0	0	82	3	103	
Total Revenue	\$ 624	\$ 697	\$ 732	\$ 787	\$ 989	\$ 1,108	\$ 1,000	\$ 2,000	\$ 1,095	\$ 2,840	\$ 5,097	\$ 50,000
Yr-to-yr growth	524.0%	367.8%	195.2%	31.6%	58.5%	59.0%	36.6%	154.1%	158.3%	159.4%	79.5%	881.0%
Cost of revenue	220	304	300	430	676	1,034	520	1,020	275	1,254	3,250	25,500
Gross margin	404	393	432	357	313	74	480	980	820	1,586	1,847	24,500
Gross margin %	64.7%	56.4%	59.0%	45.4%	31.6%	6.7%	48.0%	49.0%	74.9%	55.8%	36.2%	49.0%
Operating expenses												
Compensation and benefits	5,101	4,682	5,044	6,280	4,978	4,776	4,600	4,400	17,672	21,107	18,754	17,600
Research & Development	608	881	659	532	1,029	958	700	700	1,895	2,680	3,387	2,800
Other operating expenses	1,713	1,763	1,729	2,142	1,938	2,314	2,400	2,500	5,936	7,347	9,152	7,000
Amortization and depreciation	454	460	460	428	369	334	350	375	1,719	1,802	1,428	1,500
Operating expenses	7,876	7,786	7,892	9,382	8,314	8,382	8,050	7,975	27,222	32,936	32,721	28,900
Operating income	(7,472)	(7,393)	(7,460)	(9,025)	(8,001)	(8,308)	(7,570)	(6,995)	(26,402)	(31,350)	(30,874)	(4,400)
Net financial items	(56)	156	(9)	(1,203)	(120)	(936)	0	0	(451)	(1,112)	(1,056)	0
Pretax loss from operations	(7,528)	(7,236)	(7,469)	(10,228)	(8,121)	(9,244)	(7,570)	(6,995)	(26,853)	(32,462)	(31,930)	(4,400)
Income taxes	0	0	0	90	0	0	0	25	99	90	25	100
Net loss	(7,528)	(7,236)	(7,469)	(10,318)	(8,121)	(9,244)	(7,570)	(7,020)	(26,754)	(32,552)	(31,955)	(4,500)
Non-GAAP net loss	(6,522)	(6,678)	(6,935)	(8,338)	(7,341)	(8,586)	(6,870)	(6,320)	(22,899)	(32,552)	(29,117)	(4,500)
Exchange differences on foreign operations	(91)	(60)	274	(113)	0	0	0	0	670	10	0	0
Total comprehensive income	(7,619)	(7,296)	(7,195)	(10,431)	(8,121)	(9,244)	(7,570)	(7,020)	(26,084)	(32,542)	(31,955)	(4,500)
Basic net loss per share	\$ (0.009)	\$ (0.008)	\$ (0.008)	\$ (0.011)	\$ (0.008)	\$ (0.009)	\$ (0.007)	\$ (0.006)	\$ (0.035)	\$ (0.035)	\$ (0.030)	\$ (0.004)
Yr-to-yr growth	-2.2%	-7.4%	-5.9%	19.5%	-6.7%	15.8%	-8.1%	-44.6%	-35.6%	1.6%	-14.5%	-87.6%
Non-GAAP loss per share	\$ (0.007)	\$ (0.007)	\$ (0.008)	\$ (0.008)	\$ (0.007)	\$ (0.008)	\$ (0.007)	\$ (0.005)	\$ (0.030)	\$ (0.035)	\$ (0.027)	\$ (0.004)
Basic shares outstanding in mil	874.4	917.5	918.9	964.9	1,011.1	1,012.6	1,013.0	1,186.0	767.1	918.9	1,055.7	1,203.3
Yr-to-yr growth	21.8%	22.2%	16.9%	19.1%	15.6%	10.4%	10.2%	22.9%	28.2%	19.8%	14.9%	14.0%
Diluted shares	898.5	915.3	922.8	986.5	1,026.7	1,034.2	1,034.6	1,207.6	773.4	940.4	1,075.8	1,224.8
Yr-to-yr growth	24.9%	21.7%	17.2%	13.0%	14.3%	13.0%	12.1%	22.4%	28.9%	21.6%	14.4%	13.9%
Basic net loss per ADS	\$ (0.65)	\$ (0.59)	\$ (0.61)	\$ (0.80)	\$ (0.60)	\$ (0.68)	\$ (0.56)	\$ (0.44)	\$ (2.62)	\$ (2.66)	\$ (2.27)	\$ (0.28)
Non-GAAP loss per ADS	\$ (0.54)	\$ (0.55)	\$ (0.56)	\$ (0.63)	\$ (0.54)	\$ (0.62)	\$ (0.50)	\$ (0.39)	\$ (2.22)	\$ (2.60)	\$ (2.03)	\$ (0.28)
Basic ADS outstanding in millions	11.7	12.2	12.3	12.9	13.5	13.5	13.5	15.8	10.2	12.3	14.1	16.0
Diluted ADS	12.0	12.2	12.3	13.2	13.7	13.8	13.8	16.1	10.3	12.5	14.3	16.3
Adjusted EBITDA	(6,212)	(6,375)	(6,466)	(6,540)	(6,852)	(7,274)	(6,520)	(5,920)	(21,927)	(25,593)	(26,646)	600

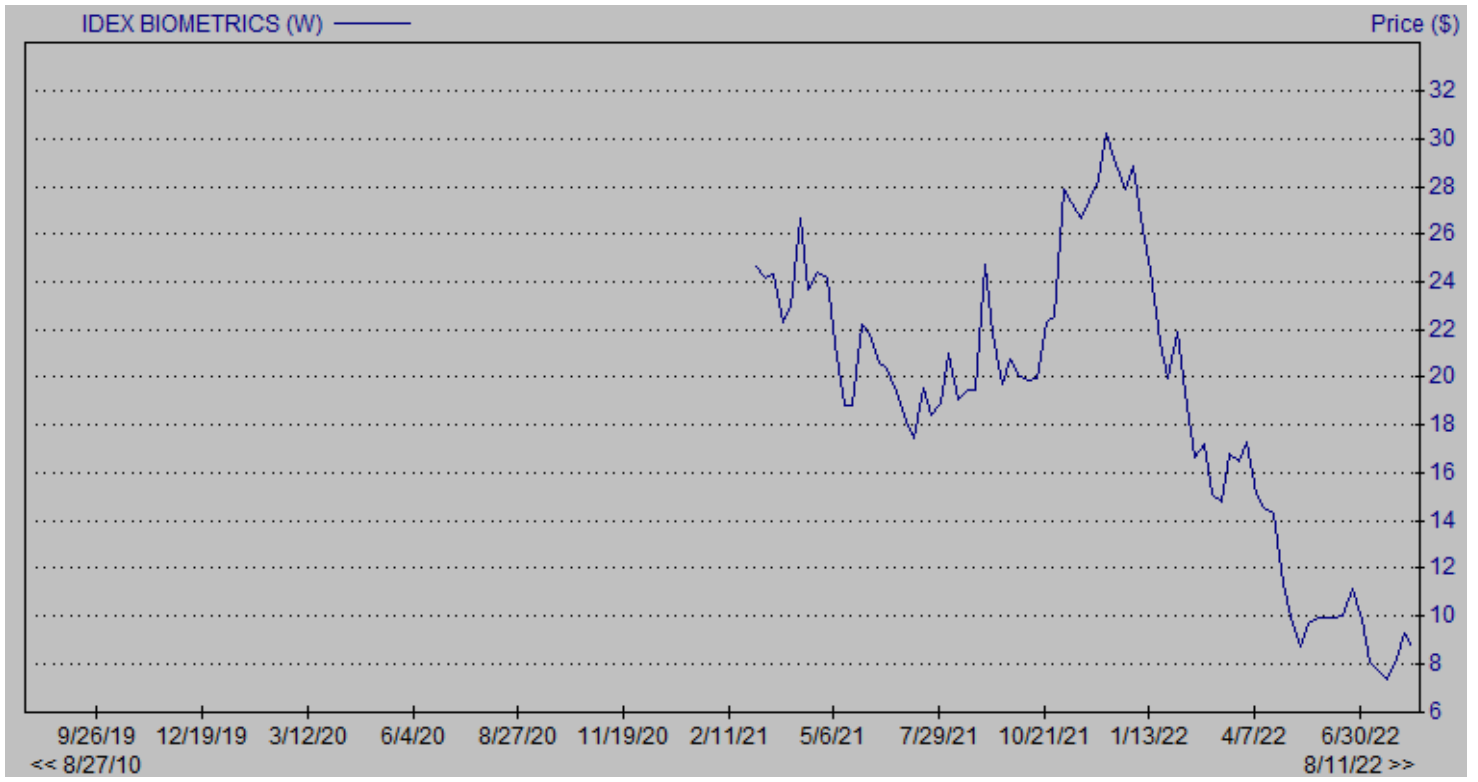
BALANCE SHEET

Thousands US \$	June 30, 2022	Mar 31, 2022	Qtr-Qtr % Growth	June 30, 2021	Yr-Yr % Growth
Current					
Cash and cash equivalents	\$ 16,325	\$ 25,532	-36%	\$ 19,255	-15%
Inventory	2,023	2,010	1%	998	103%
Trade receivables	1,410	1,306	8%	724	95%
Prepaid expenses	1,126	867	30%	869	30%
Other current receivables	617	671	-8%	1,103	-44%
Current Assets	21,501	30,386	-29%	22,949	-6%
Goodwill	968	968	0%	968	0%
Other intangible assets	1,727	1,846	-6%	2,204	-22%
Property, plant and equipment	1,150	1,228	-6%	1,524	-25%
Right of use asset	115	224	-49%	604	-81%
Long-term receivable	75	80	-6%	79	-5%
Total Assets	25,536	34,732	-26%	28,328	-10%
Liabilities					
Accounts payable	592	813	-27%	995	-41%
Current lease liabilities	119	228	-48%	486	-76%
Public duties payable	343	365	-6%	310	11%
Other current liabilities	1,686	2,286	-26%	1,365	24%
Current Liabilities	2,740	3,692	-26%	3,156	-13%
Non-current lease liability	0	7	-100%	150	-100%
Total liabilities	2,740	3,699	-26%	3,306	-17%
Shareholders' Equity					
Share capital	20,447	20,446	0%	18,787	9%
Share premium	9,783	9,768	0%	28,132	-65%
Other paid-in capital	22,788	22,194	3%	20,028	14%
Total paid-in capital	53,018	52,408	1%	66,947	-21%
Foreign currency translation effects	(11,618)	(12,015)	-3%	(12,473)	-7%
Accumulated loss	(18,604)	(9,360)	99%	(29,452)	-37%
Total shareholder's equity	22,796	31,033	-27%	25,022	-9%
Tot Liabilities and Share. Equity	25,536	34,732	-26%	28,328	-10%
Cash	\$ 16,325	\$ 25,532	-36%	\$ 19,255	-15%
Current ratio	7.8	8.2	-5%	7.3	8%
Quick ratio	7.1	7.7	-8%	7.0	2%
Working capital	18,761	26,694	-30%	19,793	-5%
Debt	0	0	0%	0	0%

CASH FLOWS

	YR 2020	Mar. 31, 2021	June 30, 2021	Sept 30, 2021	Dec. 31, 2021	YR 2021	Mar. 31, 2022	June 30, 2022
		3 month	3 month	3 month	3 month		3 month	3 month
Cash flows from operating activities:								
Net loss	\$ (26,853)	\$ (7,529)	\$ (7,236)	\$ (7,469)	\$ (10,228)	\$ (32,462)	\$ (8,121)	\$ (9,244)
Adjustments to reconcile net loss to net cash used in operating activities:								
Amortization and depreciation	1,719	454	460	460	428	1,802	369	334
Stock-based compensation	2,755	806	558	534	852	2,750	780	594
Changes in working capital:								
Inventories	(139)	(52)	(87)	(95)	(141)	(375)	(776)	(13)
Accounts receivables	(414)	(50)	(186)	(35)	(43)	(314)	(505)	(104)
Accounts payable	141	(39)	402	(368)	58	53	129	(220)
Change in other working capital	(618)	(247)	(653)	611	839	550	(426)	(806)
Other operating activities	579	(218)	59	67	187	95	142	456
Interest expense	(27)	(5)	(2)	-	(4)	(11)	(6)	(17)
Income taxes	(437)	-	-	-	447	447	-	-
Net cash flows from operating activities	(23,294)	(6,880)	(6,685)	(6,295)	(7,605)	(27,465)	(8,414)	(9,020)
Cash flows from investing activities:								
Purchases of property, plant & equipment	(333)	(70)	(39)	(20)	(12)	(141)	(51)	(51)
Proceeds from sale of assets	-	-	-	-	-	-	-	-
Settlements of non-current receivables								7
Payments on non-current receivables	75	(4)	-	(25)	16	(13)	6	(6)
Interest received	26	4	3	-	4	11	6	17
Net cash flows from investing activities	(232)	(70)	(36)	(45)	8	(143)	(39)	(33)
Cash flows from financing activities:								
Proceeds from issue of shares	18,731	25,755	295	257	28,685	54,992	369	(1)
Payments on lease liabilities	(793)	(215)	(216)	(221)	(192)	(844)	(134)	(102)
Payment related to financed asset purchase	(500)	-	-	-	-	-	-	-
Net cash provided by financing activities	17,438	25,540	79	36	28,493	54,148	235	(103)
Net increase (decrease) in cash	(6,088)	18,590	(6,642)	(6,304)	20,896	26,540	(8,218)	(9,156)
Effect of exchange rate changes on cash	(740)	4	5	(13)	(7)	(11)	(9)	(51)
Cash at beginning of period	14,126	7,298	25,892	19,255	12,938	7,298	33,759	25,532
Cash at end of period	7,298	25,892	19,255	12,938	33,827	33,827	25,532	16,325
Cash flow	(22,379)	(6,269)	(6,218)	(6,475)	(8,948)	(27,910)	(6,972)	(8,316)
Free cash flow	(22,712)	(6,339)	(6,257)	(6,495)	(8,960)	(28,051)	(7,023)	(8,367)

HISTORICAL STOCK PRICE



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