# Business Results: Review of Operations for Fiscal 2017

#### **Business results for Fiscal 2017**

In the electronics market in which the ULVAC Group operates, semiconductor memory manufacturers increased capital investment in response to expanding memory demand fueled mainly by greater demand for servers for data center applications. In the flat panel display (FPD) sector, continued capital investment for manufacturing OLED panels for smartphones and large LCD panels for TVs remained brisk. In these circumstances, for the fiscal year ended June 30, 2018 (fiscal 2017), orders received increased 3.2% year on year to ¥243.0 billion, net sales rose 7.5% to ¥249.3 billion, operating profit rose 20.0% to ¥35.4 billion, and ordinary profit increased 24.2% to ¥36.9 billion. Net income surged 46.7% to ¥35.9 billion mainly because of additional recording of deferred tax assets.

### **Greater Profitability**

Because of an increase in the proportion of semiconductor and electronic devices production equipment, which have high profit margins, both the gross profit margin and the operating profit margin rose. While total assets increased in line with increases in orders received and net sales, net assets also increased by ¥49.2 billion as a result of increases in net income and market valuation of investment securities. Thus, the equity ratio improved to 49.5%. Interest-bearing debt decreased by ¥7.0 billion to ¥35.7 billion.









Cryopump

# and Outlook

#### **Review of Operations by Business Segment**

#### **Vacuum Equipment Business**

For the vacuum equipment business, orders received amounted to ¥209,707 million, orders back-log was ¥94,171 million, net sales were ¥216,652 million, and operating profit amounted to ¥32,411 million.

### FPD and PV production equipment

Orders received for FPD production equipment were below the level of the previous fiscal year because order-taking in the second half was temporarily lackluster despite recording of orders received, mainly from customers in China, for large LCD production equipment for TVs and small to medium-sized OLED production equipment for smartphones. On the other hand, net sales were robust and virtually the same level as the previous fiscal year.

#### Semiconductor and electronic device production equipment

Regarding semiconductor production equipment, in line with the expansion of investment for memory, demand for sputtering equipment and the natural oxidized film removing system for NAND flash memory, DRAM, and next-generation non-volatile memory increased. Regarding electronic device production equipment, demand for high-performance device production equipment for mobile devices was firm, and as a result, orders received and net sales greatly exceeded those for the previous fiscal year.

#### Components

Both orders received and net sales exceeded those for the previous fiscal year because of robust demand

#### Outlook

The ULVAC Group is implementing the mid-term management plan that covers the period up to June 30, 2020. For fiscal 2017, the first year of the plan, net sales, operating profit, ordinary profit, and net income exceeded the initial forecast. Moreover, operating profit for fiscal 2017 exceeded the target set for the final year (fiscal 2019) of the mid-term management plan.

The framework of the current mid-term management plan, including "strengthening of management base" and "key strategies," will remain unchanged from fiscal 2018 onward, but we revised the targets for net sales and operating profit for the final year of the plan to ¥265 billion (+¥15 billion) and ¥38 billion (+¥3 billion), respectively. We are tackling "management reform" to achieve the next round of growth following the current mid-term management plan and aim for net sales of ¥300 billion and an operating profit margin of 16% in fiscal 2021. Seizing the business opportunities created by technological innovation, ULVAC will strive to further improve the profit structure and financial strength to accelerate initiatives toward sustainable growth and improved corporate value.

for cryopumps for mounting on OLED production equipment, as well as for vacuum pumps and measuring equipment for the FPD, semiconductor, and electronic device industries and for the automotive-related industry.

#### Industrial equipment

Both orders received and net sales exceeded those for the previous fiscal year, led by vacuum heat treatment furnaces for production of automotive components and leak testers.

#### Vacuum Application Business

For the vacuum application business, orders received amounted to ¥33,273 million, orders back-log was ¥5,812 million, net sales were ¥32,619 million, and operating profit amounted to ¥2,957 million.

#### Materials

Both orders received and net sales exceeded the previous year's level, centering on sputtering target materials for LCDs.

#### Others

Demand for mask blanks was generally firm, reflecting an increase in demand for high-definition, high-performance display panels and semiconductors for in-vehicle and industrial applications. On the other hand, analysis equipment-related net sales were lower than the previous fiscal year's level.



Forecast of net sales by business segment

(Billions of yen)

# Consolidated Financial Statements

## **Consolidated Balance Sheets**

	FY2016	(Millions of yei
	As of June 30, 2017	As of June 30, 2018
ssets		
urrent assets		
Cash on hand and in banks	56,434	57,074
Notes and accounts receivable, trade	70,519	87,276
Merchandise and finished goods	5,097	4,615
Work in process	15,880	23,618
Raw materials and supplies	9,240	10,847
Deferred tax assets	6,027	5,032
Other	7,299	9,509
Allowance for doubtful accounts	(811)	(914
Total current assets	169,685	197,058
lon-current assets		
Property, plant and equipment		
Buildings and structures	79,246	80,982
Accumulated depreciation	(47,018)	(49,168
Buildings and structures, net	32,229	31,814
Machinery, equipment and vehicles	65,343	69,543
Accumulated depreciation	(50,892)	(53,161
Machinery, equipment and vehicles, net	14,451	16,382
Tools, furniture and fixtures	14,153	14,738
Accumulated depreciation	(12,506)	(12,899)
Tools, furniture and fixtures, net	1,647	1,839
Land	8,096	8,624
Leased assets	1,836	1,872
Accumulated depreciation	(1,002)	(1,142
Leased assets, net	834	731
Construction in progress	3,049	4,907
Total property, plant and equipment	60,306	64,297
Intangible assets		
Leased assets	67	81
Software	690	844
Other	2,815	2,529
Total intangible assets	3,573	3,454
Investments and other assets		
Investment securities	4,389	25,562
Deferred tax assets	2,298	2,620
Other	7,107	6,812
Allowance for doubtful accounts	(2,051)	(2,048)
Total investments and other assets	11,743	32,946
Total non-current assets	75,622	100,697
otal assets	245,306	297,754

# Liabilities **Current liabilities** Notes and accounts payable, trade Short-term loans payable Lease obligations Income taxes payable Advances received Deferred tax liabilities Accrued employees' bonuses Accrued directors' bonuses Accrued warranty costs Provision for loss on order received Other Total current liabilities Long-term liabilities Long-term loans payable Lease obligations Deferred tax liabilities Net defined benefit liability Accrued directors' retirement benefits Provision for board benefit trust Asset retirement obligations Other Total long-term liabilities **Total liabilities** Net Assets Shareholders' equity Capital stock Capital surplus Retained earnings Treasury shares Total shareholders' equity Accumulated other comprehensive income Valuation difference on available-for-sale securities Foreign currency translation adjustment Remeasurements of defined benefit plans Total accumulated other comprehensive income Non-controlling interests Total net assets

Total liabilities and net assets

#### (Millions of yen)

FY2016	FY2017
As of June 30, 2017	As of June 30, 2018

48,829	55,566
30,199	21,539
315	300
2,525	4,534
16,908	16,739
10	16
2,738	3,185
401	512
2,069	1,742
785	1,074
11,175	13,637
115,954	118,845
12,528	14,150
692	607
1,408	343
8,311	8,370
335	272
74	134
392	395
694	568
24,436	24,840
140,389	143,685
20,873	20,873
3,912	3,912
73,801	107,238
(271)	(266)
98,315	131,756
491	14,950
2,480	2,579
(2,599)	(1,753)
372	15,775
6,229	6,538
104,917	154,069
245,306	297,754

# **Consolidated Statements of Income**

	(Millions of y	
	FY2016 (July 1, 2016–June 30, 2017)	FY2017 (July 1, 2017–June 30, 2018)
Net sales	231,831	249,271
Cost of sales	168,001	176,163
Gross profit	63,829	73,108
Selling, general and administrative expenses		
Selling expenses	14,818	15,703
General and administrative expenses	19,543	22,054
Total selling, general and administrative expenses	34,361	37,757
Operating profit	29,468	35,351
Non-operating income		
Interest income	117	157
Dividend income	302	470
Rent income	297	300
Insurance and dividends income	259	463
Foreign exchange gains	_	352
Share of profit of entities accounted for using equity method	203	426
Other	572	464
Total non-operating income	1,750	2,631
Non-operating expenses		
Interest expenses	511	349
Other	992	727
Total non-operating expenses	1,503	1,076
Ordinary profit	29,716	36,907
Extraordinary income		
Gain on sales of non-current assets	35	_
Gain on sales of investment securities	81	2,002
Total extraordinary income	117	2,002
Extraordinary losses		
Loss on retirement of non-current assets	643	382
Loss on sales of non-current assets	423	_
Total extraordinary losses	1,065	382
Income before income taxes	28,768	38,527
Current income taxes	4,556	7,309
Deferred income taxes	(1,599)	(5,937)
Total income taxes	2,957	1,372
Net income	25,811	37,155
Net income attributable to non-controlling interests	1,342	1,250
Net income attributable to owners of parent	24,469	35,904

# Consolidated Statements of Comprehensive Income

Consolidated Statements of Comprehensive Income		(Millions of ye
	FY2016 (July 1, 2016–June 30, 2017)	FY2017 (July 1, 2017–June 30, 2018)
Net income	25,811	37,155
Other comprehensive income		
Valuation difference on available-for-sale securities	364	14,456
Foreign currency translation adjustment	3,390	113
Remeasurements of defined benefit plans, net of tax	224	845
Share of other comprehensive income of entities accounted for using equity method	10	2
Total other comprehensive income	3,989	15,416
Comprehensive income	29,799	52,570
Comprehensive income attributable to:		
Owners of parent	28,200	51,307
Non-controlling interests	1,599	1,263

# **Consolidated Statements of Cash Flows**

Cash flows from operating activities	
Income before income taxes	
Depreciation	
Increase (decrease) in allowance for doubtful accounts	
Increase (decrease) in accrued employees' bonuses	
Increase (decrease) in net defined benefit liability	
Increase (decrease) in accrued directors' retirement benefits	
Increase (decrease) in provision for board benefit trust	
Increase (decrease) in accrued warranty costs	
Increase (decrease) in provision for loss on order received	
Interest and dividend income	
Interest expenses	
Subsidy income	
Share of (profit) loss of entities accounted for using equity method	
Loss (gain) on sales of investment securities	
Loss (gain) on sales of non-current assets	
Decrease (increase) in notes and accounts receivable - trade	
Decrease (increase) in inventories	
Increase (decrease) in notes and accounts payable - trade	
Increase (decrease) in advances received	
Increase (decrease) in accrued consumption taxes	
Other Subtotal	
Interest and dividend income received	
Interest expenses paid	
Income taxes paid	
Net cash provided by (used in) operating activities	
Cash flows from investing activities	
Payments into time deposits	
Proceeds from withdrawal of time deposits	
Purchase of property, plant and equipment and intangible assets	
Proceeds from sales of property, plant and equipment and intangible assets	
Proceeds from sales of investment securities	
Payments for investments in capital of subsidiaries and associates	
Proceeds from subsidy income	
Other	
Net cash provided by (used in) investing activities	
Cash flows from financing activities	
Net increase (decrease) in short-term loans payable	
Proceeds from long-term loans payable	
Repayments of long-term loans payable	
Repayments of lease obligations	
Cash dividends paid	
Purchase of treasury shares	
Dividends paid to non-controlling interests	
Net cash provided by (used in) financing activities	
Effect of exchange rate change on cash and cash equivalents Net increase (decrease) in cash and cash equivalents	
Cash and cash equivalents at beginning of period	
Cash and cash equivalents at end of period	
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(Millions of yen)

	(Millions of yen)
FY2016 (July 1, 2016–June 30, 2017)	FY2017 (July 1, 2017–June 30, 2018)
28,768	38,527
6,418	6,541
(171)	97
401	473
(247)	182
16	(63)
74	60
32	(321)
227	289
(419)	(628)
511	349
(98)	(96)
(203)	(426)
(81)	(2,002)
387	_
(10,732)	(16,748)
(161)	(9,878)
12,680	6,789
2,634	(123)
76	(241)
1,948	1,230
42,060	24,011
488	720
(510)	(350)
(4,219)	(5,295)
37,818	19,086
(12,317)	(12,755)
4,347	18,873
(6,515)	(9,869)
234	19
323	2,171
_	(290)
240	237
(25)	48
(13,713)	(1,564)
(11,668)	(5,157)
—	9,400
(8,313)	(11,282)
(368)	(344)
(1,477)	(2,464)
(260)	(0)
(494)	(886)
(22,580)	(10,734)
1,168	4
2,693	6,793
44,862	47,555
47,555	54,348