

Environmental Conservation Activities

Adopting Progressive Conservation Policies — Business Practices in Harmony with the Environment

Realizing the importance of balancing business with environmental concerns, in 1993 we established a committee to promote a multifaceted approach to conservation. In May 2001, we completed one of our biggest conservation efforts ever — the creation of a biotope, a balanced habitat for local flora and fauna, on the grounds of our Gunma R&D Center. Going forward, we will continue to work toward reducing the impact of our business on the environment through conscientious attention to efforts such as “green” procurement, energy-efficient manufacturing, and energy-efficient, compact product designs that incorporate a high percentage of recyclable material.



Obtaining ISO 14001 Certification for Main Factories and R&D Centers in Japan

To promote organized, on-going efforts to improve our environmental performance, we are actively working to expand our use of ISO 14001-certified environmental management systems. Six of our main factories and R&D centers in Japan have already obtained this certification. And by the end of fiscal

2001 we plan to gain certification for all of our main manufacturing and research facilities in Japan by registering the Gunma R&D Center, our company’s head research facility, and the Otone R&D Center.

Working toward Zero Emissions of Landfill Waste at Main Factories in Japan

By the end of fiscal 2002, we plan to achieve zero emissions of landfill waste at our four main factories in Japan. To accomplish this goal we are working to improve our recycling efforts by sorting waste, reclaiming copper and other precious metals from our printed circuit boards, and reusing iron and

aluminum taken from metal scraps. Within the office place, we are working to reduce paper use through the creation of electronic files and are composting leftover food scraps taken from our cafeterias to turn them into fertilizer.

Intranet System Allows Consolidated Management of Chemical Substances

To prevent chemicals from polluting the environment, we have established a system on our intranet to manage our use of chemical substances. This system has consolidated our management of chemicals, so that by visiting this one site users

can register, inspect, and keep track of the incoming and outgoing of chemical substances used in our R&D and manufacturing processes. This system also contains a function that allows users to instantly look up material safety data sheets.

Conservation Costs				Unit: ¥1,000	
Category	Description	Equipment Expenditures	Misc Costs*		
(1) Manufacturing related					
1. Pollution prevention	Wastewater treatment, construction to prevent oil spills	55,696	(135,621)**	185,500	(154,188)
2. Conservation	Procurement of natural gas cars, energy efficient lighting	99,362	(5,717)	25,020	(4,999)
3. Reusing resources	Disposal of waste products, recycling	5,111	(18,500)	163,633	(130,728)
(2) Upstream/Downstream	Use of recycled paper and high-quality fuels	0	(0)	1,439	(1,925)
(3) Administrative	Operation of environmental management system	19,874	(31,900)	141,491	(203,578)
(4) R&D	Conservation-related R&D	0	(0)	61,520	(75,260)
(5) Community activities	Tree planting; publicizing conservation activities	0	(0)	123,794	(107,291)
(6) Damage caused by pollution		0	(0)	419	(0)
Total		180,043	(191,738)	702,816	(677,969)

* Various expenses and the depreciation of investments in conservation equipment

** Figures in parentheses are for fiscal 1999

Conservation Benefits (Conserved Resources)		
Description	Amount	
(1) Reduced electricity use (MWh)	1,117	(406)
(2) Amount of recycled waste (t)	1,080	(531)

(Economic Benefits)		Unit: ¥1,000	
Description	Amount		
(1) Reduced electricity use	12,203	(6,718)	
(2) Profit from recycling	11,281	(5,244)	
Total	23,484	(11,962)	

*For more information on our conservation efforts, please view our Environmental Report 2001 at http://www.advantest.co.jp/e/about/ecology/ER2001_e.pdf