

Business Activities and Environmental Impact

Olympus seeks to grasp the impact imposed by its business activities on the global environment as clearly as possible and to implement activities minimizing such impact.

Major Environmental Impact in Development and Production Processes

INPUT

| | | |
|---|---|---|
| <p>Energy ▶P24</p> <ul style="list-style-type: none"> • Electric power...96,390,000kWh • Heavy fuel oil3,941kl • Kerosene.....268kl • Diesel fuelv72kl • Gasoline54kl • City gas.....680,000m³ • LPG.....130,000m³ Total1,198TJ <p style="text-align: center;">TJ (terajoule) =10¹²J</p> | <p>Raw Materials</p> <ul style="list-style-type: none"> • MetalsSteel, aluminum, brass • Optical glass • PlasticsABS, PC, polyethylene, polypropylene • ChemicalsAcids, alkalines, solvents, paints | <p>Office Supplies ▶P25</p> <ul style="list-style-type: none"> • Copy paper133tons <p>Other Utilities ▶P25</p> <ul style="list-style-type: none"> • Piped water.....170.000m³ • Ground water.....1,400,000m³ |
|---|---|---|

Research and development



Design



Manufacturing

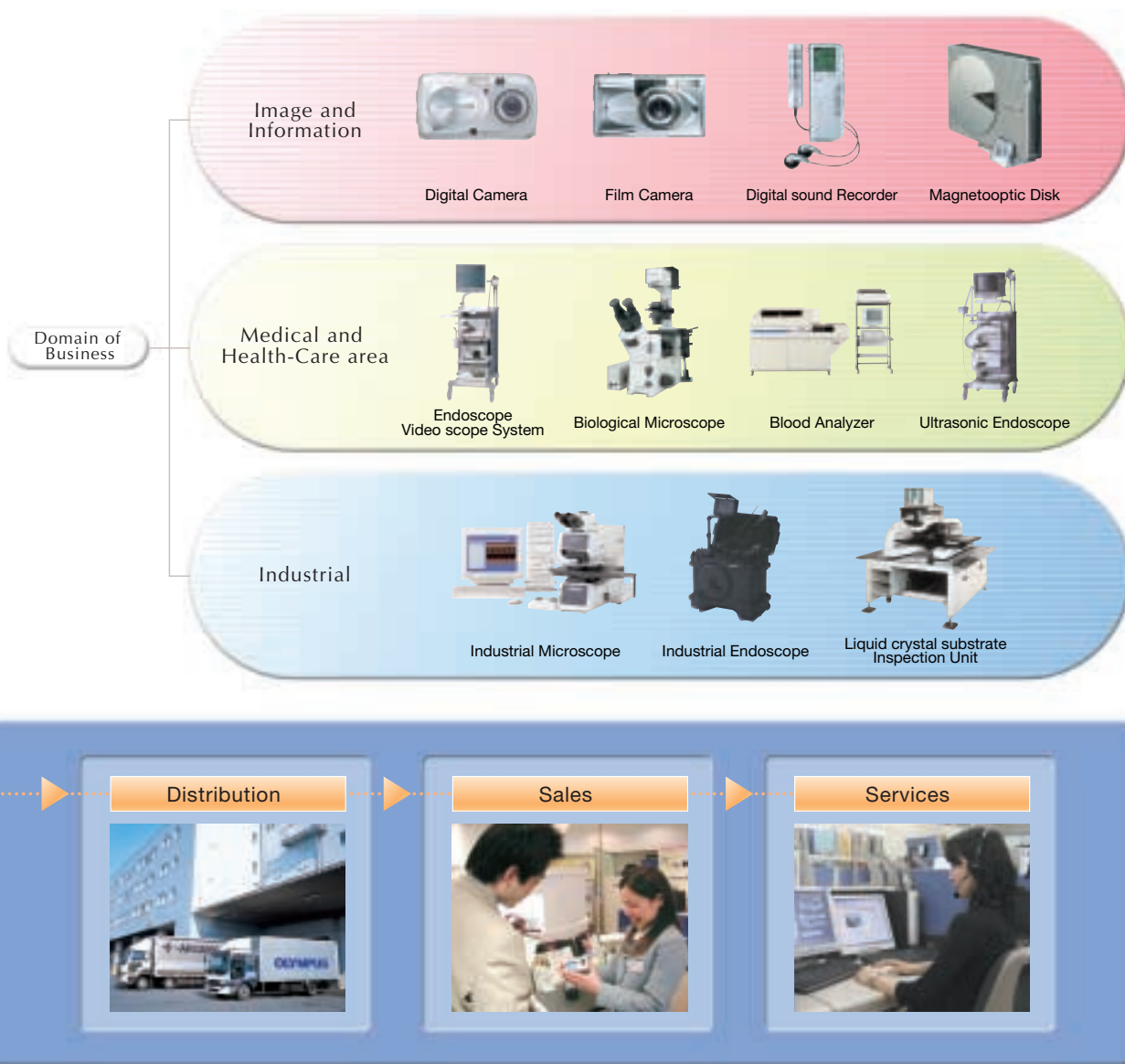


Development and Production Business Facilities

- Technology Research Institute (Hachioji) • Hinode Plant • Ina Plant • Tatsuno Plant
- Tokyo Kinzoku Co., Ltd. • Kyowa Plant • Olympus Co., Ltd., Aomori Plant • Olympus Co., Ltd., Aizu Plant
- Olympus Opto-technology Co., Ltd. / Head Office / Ohmachi Branch / Sakaki Branch
- Mishima Olympus Co., Ltd. • Shirakawa Olympus Co., Ltd. • Okaya Olympus Co., Ltd.

OUTPUT

| | | | |
|--|--|---|--|
| <p>CO₂ Emissions ▶P24</p> <ul style="list-style-type: none"> • Electric power ...34,412tons-CO₂ • Heavy fuel oil...10,917tons-CO₂ • City gas.....1,462tons-CO₂ • LPG.....803tons-CO₂ • Kerosene672tons-CO₂ • Others.....314tons-CO₂ Total48,580tons-CO₂ | <p>Emissions of PRTR-listed substances ▶P28</p> <ul style="list-style-type: none"> • Toluene9.5tons • Xylene2.7tons • Ethylene oxide0.8tons • Trichloroethylene0.5tons • Ethylene glycol0.3tons • Others0.6tons Total14.4tons | <p>Recycled Wastes ▶P26</p> <ul style="list-style-type: none"> • Waste metals and glass...825tons • Paper and cardboard.....742tons • Plastics381tons • Raw waste and sludge ...279tons • Waste oil257tons • Waste acids and alkalines ...157tons Total2,641tons | <p>Commissioned Waste Processing ▶P27</p> <ul style="list-style-type: none"> • Waste plastics215tons • Waste paper154tons • Sludge145tons • Waste acids125tons • Waste alkalines.....103tons • Waste metals and glass...65tons • Waste oil37tons • Others3tons Total847tons |
| <p>Boiler Air Pollutants ▶P11</p> <ul style="list-style-type: none"> • SO_x6tons • NO_x.....40tons | <p>Emission into Water Systems ▶P11</p> <ul style="list-style-type: none"> • BOD5.2tons | | |



OUTPUT

Major Products [▶P16](#)

- Digital Camera1,060tons
- Film Camera950tons
- Sound Recorder170tons
- Magneto-optic Disk ...140tons
- Endoscope.....560tons
- Microscope.....700tons
- Analyzer600tons
- Measuring Instruments100tons
- Printer150tons
- Total4,430tons

Packaging Materials [▶P22](#)

- Cardboard1,409tons
- Paper483tons
- Plastics222tons
- Metal48tons
- Glass.....2tons
- Total2,164tons