Promoting Environmentally Friendly Products to Build a Circular Economy

Green Product Label Certification Through Life Cycle Assessment (LCA)

Nihon Kohden uses Life Cycle Assessment (LCA) and environmental assessments for quantitatively assessing the environmental impacts of its products and services throughout their life cycle—from raw material extraction and manufacturing to product use and disposal. Products and services that meet the standards are certified under our self-declared Green Product Label, which conforms to ISO 14021 Type II. Products and services are certified in a four-tier assessment ranking based on their contribution to reducing environmental impacts, such as CO_2 emissions, compared to existing products and services. LCA is conducted for products and services, with certifications of three stars for CO_2 emission reductions of 50% or more, two stars for 25% or more, one star for 10% or more, and no stars for 1% to less than 10% compared to existing products. Products and services meeting the Company's internal environmental assessment standards are also certified with no stars.

In FY2025, a total of six products were certified: bedside monitors CSM-1701 / CSM-1702 received three stars; the defibrillator TEC-1031 and the automated external defibrillator AED-3200 received two stars; and the transmitters ZS-730P / ZS-720P received one star.

FY2025 Certified Products

Three Stars Certified Products



Bedside monitors, CSM-1000 series, Lifescope G7 (CSM-1701/1702)

Assessment Results (Compared to the existing model, the CSM-1901)

CO_2 emissions
CSM-1701: 56.2% reduction
CSM-1702: 51.4% reduction

Annual electrical energy consumption
CSM-1701: 62.3% reduction (Reduced by 410.4 kWh)
CSM-1702: 52.9% reduction (Reduced by 348.3 kWh)

Two Stars Certified Products



Defibrillator, TEC-1000 series, Cardiolife (TEC-1031)

Assessment Results (Compared to the existing model, the TEC-5631)

CO_2 emissions
29.8% reduction

Annual electrical energy consumption
52.7% reduction (Reduced by 38.6 kWh)



Automated external defibrillator, AED-3200 series, Cardiolife (AED-3200)

Assessment Results (Compared to the existing model, the AED-2100)

CO_2 emissions
43.6% reduction

Annual electrical energy consumption
decreases slightly, as standby power accounts for most of the electricity consumption.

One Star Certified Products



Transmitters, ZS-720P

Assessment Results (Compared to the existing model, the ZS-620P)

CO_2 emissions
13.6% reduction

Annual battery consumption (AA alkaline primary battery)
8.3% reduction (Reduced by four batteries)



Transmitters, ZS-730P

Assessment Results (Compared to the existing model, the ZS-630P)

CO_2 emissions
10.8% reduction

Annual battery consumption (AA alkaline primary battery)
41.8% reduction (Reduced by 46 batteries)