

# Empower Your Lab for a Greener Future

Using the 4150 Agilent TapeStation system (G2992AA)  
Certified with the 2024 ACT label

## Build a greener sample QC workflow into your lab

Sustainability is becoming critical in science and industry. The Agilent 4150 TapeStation system (G2992AA) is certified with the Accountability, Consistency, and Transparency (ACT) label from My Green Lab. The ACT label displays the environmental impact of manufacturing, using, and disposing of a product and its packaging, helping you make sustainable decisions.

### Manufacturing impact reduction

Agilent has implemented several initiatives at the facility where the 4150 TapeStation system is manufactured to reduce energy and water consumption, and waste generation. These initiatives, which include an LED retrofit, installation of water-efficient equipment, and the use of reusable shipping pallets with local suppliers, have led to significant reductions over the past five years.

### Renewable energy use

The Agilent facility at which the 4150 TapeStation system is manufactured uses a large photovoltaic system to support and offset electricity from the grid. The average capacity of the system is approximately 2.5 MWh per year.

### Responsible chemical management

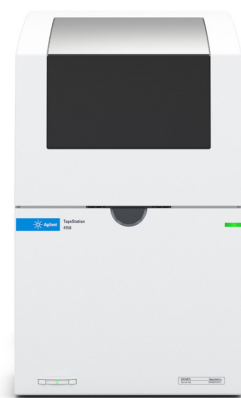
Agilent follows the General Specification for the Environment (GSE) to manage and communicate hazardous chemistries within its operations and supply chain. The Waldbronn, Germany facility that manufactures the 4150 TapeStation System is ISO 14001 certified. Additionally, the system is RoHS-compliant and does not contain chemicals of deep concern.

### Shipping impact

The 4150 TapeStation system is manufactured in Waldbronn, Germany. US customers are serviced through Agilent's distribution center in Memphis, TN. In the EU and UK, shipping is direct to customers.

### Product content

The 4150 TapeStation system is constructed using various materials, including aluminum containing recycled content.



## 4150 TapeStation system

The economic, low-throughput 4150 TapeStation system uses automated electrophoresis combined with proven Agilent ScreenTape technology for fast, reliable DNA and RNA sample quality control.

## Packaging content

The 4150 TapeStation is packaged using a wooden pallet that is Forest Stewardship Council (FSC) certified, with cardboard boxes containing at least 60% recycled material.

## Energy consumption

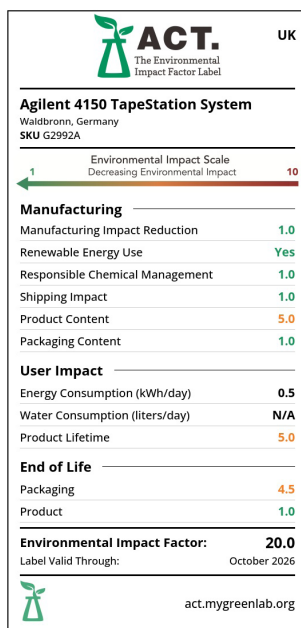
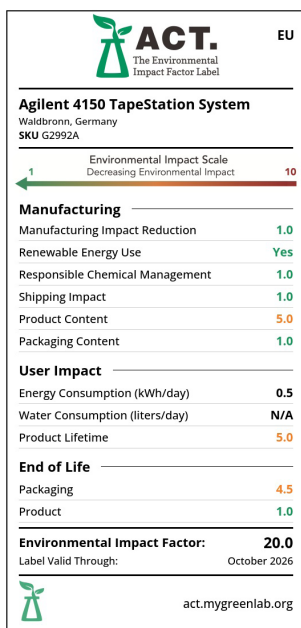
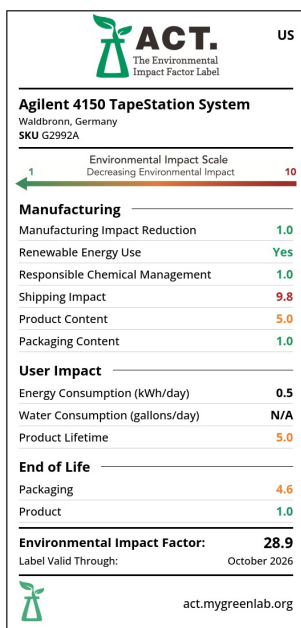
The 4150 TapeStation consumes only 0.5 kWh per day, based on the My Green Lab protocol for automated electrophoresis devices. This rating assumes eight hours of daily operation and 16 hours of idle time.

## Water consumption

Water is not required to use the 4150 TapeStation system.

## Lifetime rating

The Agilent Value Promise guarantees at least 10 years of use for the 4150 TapeStation system, backed by rigorous internal testing.



The ACT Environmental Impact Factor labels for the US, EU, and UK.

## Join us in our mission

Create an eco-friendlier future for scientific research. Learn more about our commitment to sustainability and the benefits of the My Green Lab ACT label for your laboratory products at:

[www.agilent.com/chem/my-green-lab](http://www.agilent.com/chem/my-green-lab)

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## Packaging end-of-life

The 4150 TapeStation system is packaged with a wooden pallet, cardboard box, and foam inserts. In the US market, the pallet and cardboard are easily recyclable, while the foam packaging is considered challenging to recycle and is typically sent to landfill. In the EU and UK markets, the pallet and cardboard are also readily recyclable, but the foam packaging may be recycled, landfilled, or incinerated (waste-to-energy) depending on local infrastructure.

Agilent recommends retaining the packaging for potential future use, such as sending the instrument to Agilent's repair center or for participation in the Agilent take-back program.

## Product end-of-life

Agilent offers an active take-back/refurbishment program for the 4150 TapeStation system in the EU, UK and US.