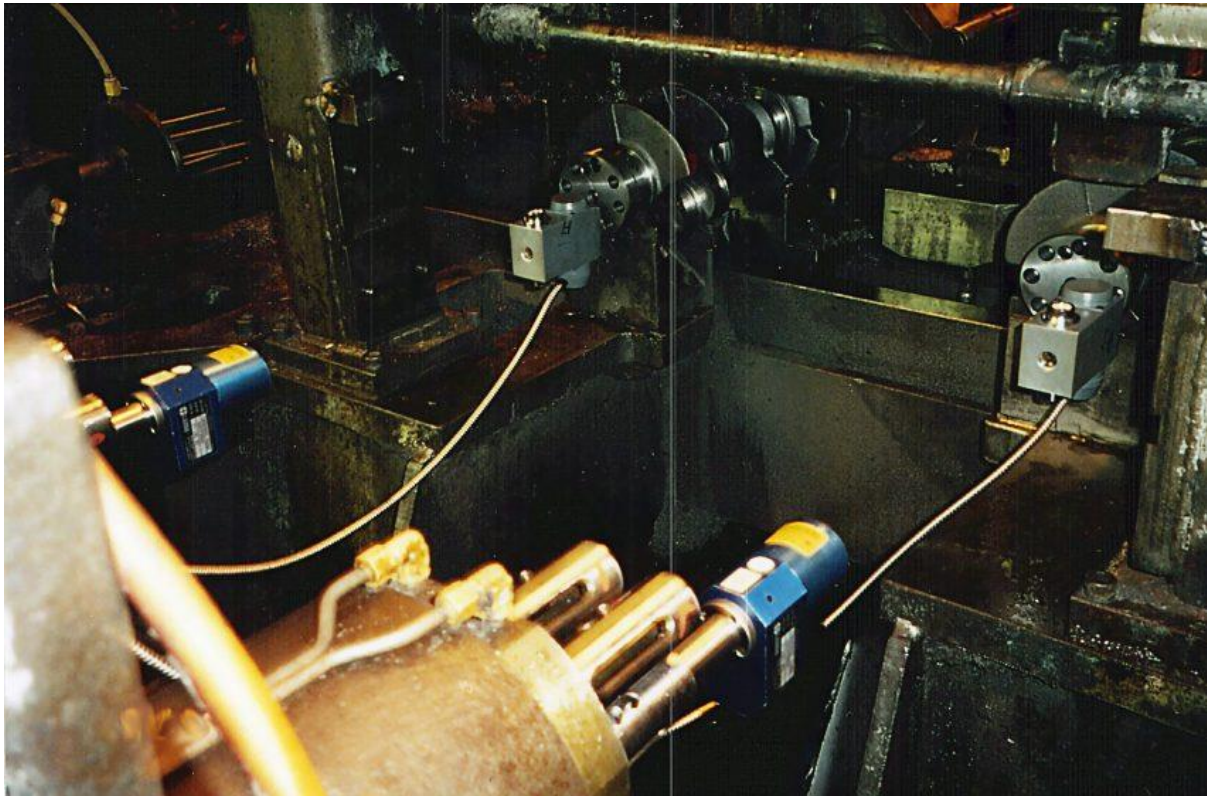


The Use of HEIDENHAIN Encoders GammaPod™ in Treating Breast Cancer



Most people know that various industries rely on encoders to get accurate measurements. **They also know that HEIDENHAIN is one of the most prominent manufacturers in existence.** However, many don't realize that using a new encoder as part of **laser alignment services** helps treat breast cancer patients.

Always a pioneer for **precision laser alignment machine tools**, HEIDENHAIN reached another milestone. This time, it developed a **new encoder called the GammaPod™**. **Once it's released, this device will make a huge difference in radiotherapy used to treat breast cancer.**

Hailed as a revolutionary development, Xeision Medical Services, LLC, will use utilize the HEIDENHAIN's encoder. As stated by Xeision's Vice President of Engineering, this new innovative **laser alignment equipment** will change everything.

The Benefits of Using HEIDENHAIN's Encoder for Laser Alignment Services

This individual explained that cancer patients won't need to go through the traditional daily whole breast irradiation. The problem is this only lasts a few weeks. With the **GammaPod™ laser alignment equipment**, the course of treatment doesn't require nearly as much time.

When it comes to **precision laser alignment machine tools**, there are even more reasons to get excited. The delivery of radiation is not only more direct but also more powerful.

Another huge advantage of this **laser alignment equipment** compared to others is its extreme accuracy. Especially for new medical devices, the GammaPod™ reduces the error for margin. That's possibly by placing a patient on a moveable couch. Then, **a cup system is securely attached to the involved breast**.

These cups consist of two layers, the inner and outer. The two work in coordination through a wired marker system. That makes it possible for medical experts to see precision images on a CT scan. By immobilizing the breast, the radiation treatment hits a stable and direct target.

With the design of the GammaPod™, companies that provide **laser alignment services** can provide medical professionals with an accurate device. For cancer patients, radiation treatment will no longer affect an entire breast. Rather, it'll focus on the affected area. That way, the dose of medication goes to the cancer spot instead of outside the targeted area.

Cancer patients don't need to worry about radiation affecting the heart, lungs, and other major organs. **Using the GammaPod™ will also significantly reduce radiation damage to the skin.**

Ultimately, this **laser alignment equipment** benefits both the medical sector and breast cancer patients. Soon, doctors can offer patients the Accelerated Partial Breast Irradiation or APBI treatment.

Turn to a Trusted Source for All Precision Laser Alignment Tools



MAINTENANCE DIAGNOSTIC
SYSTEMS, INC

To learn more about the GammaPod™ and other superior HEIDENHAIN products,
contact **Maintenance Diagnostic Systems, Inc.**

Source: <https://foxnewstips.com/the-use-of-heidenhain-encoders-gammapod-in-treating-breast-cancer/>