

Hain Lifescience Instrumentation



For processing of the **GenoType** and **GenoQuick**[®] product series in modern diagnostic laboratories

For simple and reliable implementation of the **GenoType** and **GenoQuick**[®] product series, Hain Lifescience offers you easy-to-use equipment for your modern laboratory diagnostics: The automated hybridization instruments **GT-Blot 20** and **GT-Blot 48** enable the simultaneous processing of up to 20 and 48 samples, respectively. For manual hybridization of up to 12 samples the custom-made **TwinCubator** is available for you. Additionally, the **GenoScan**[®] system is the optimum solution for your automated evaluation and result reporting of the **GenoType** and **GenoQuick**[®] assays.



Efficient • Reliable • Fast • User-friendly

GT-Blot 20



Automated hybridization of 20 samples

GT-Blot 48



Automated hybridization of 48 samples

GT-Blot 20 and GT-Blot 48: Your fully automated instruments for hybridization of up to 20 and 48 samples, respectively

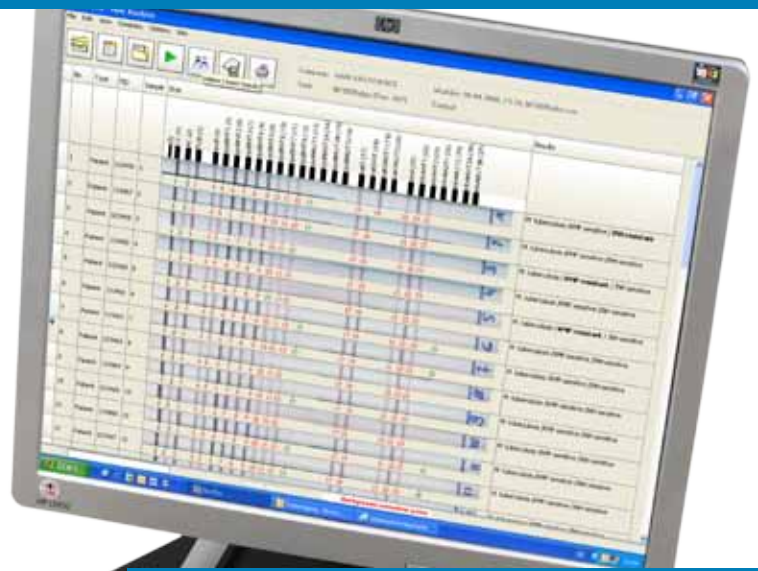
GT-Blot 20 and **GT-Blot 48** are fully automated instruments for all **GenoType** test systems. The **GenoType** assays are based on the principle of reverse hybridization. Here, single-stranded amplicons bind specifically to the probes on the **DNA•STRIP**. This step can be fully automated with the **GT-Blot** instruments. The synchronized processing of the **GenoType** products also allows parallel performance of various test parameters. Thus, maximum utilization of the equipment is possible. This allows laboratories to process samples more efficiently.

Your benefits with the GT-Blot 20 and GT-Blot 48:

- **Time savings:** The fully automated hybridization saves you valuable time. Simultaneous processing of up to 20 and 48 samples, respectively, provides efficient processing of smaller or larger runs.
- **Accurate temperature control:** By using a novel heating system, the reaction tray and the reagent container can be preheated to the required temperatures. This ensures optimal hybridization conditions.
- **High level of safety:** In contrast to conventional water baths, dry incubation prevents contamination.
- **Easy-to-use:** High-quality system components, color-coded reagent containers, as well as user-friendly software enable an easy use.

Technical Data:

	GT-Blot 20	GT-Blot 48
External dimensions:	55.9 x 45.7 x 19.1 cm (W x D x H)	64 x 62 x 45 cm (W x D x H)
Weight:	15.9 kg	45 kg
Power supply:	220–240V Europe 100–120V USA, 50/60Hz	220–240V Europe 100–120V USA, 50/60Hz
Dispensing channels:	up to 6 channels	up to 6 channels
Test capacity:	up to 20 samples	up to 48 samples
Dispense volume range:	0.5–3.0 ml in 0.1 ml increments	1.0–4.0 ml
Operating temperature:	5–40°C	18–24°C



Automated evaluation and result interpretation

GenoScan®: Your automated evaluation of GenoType and GenoQuick® assays

The **GenoScan®** system has been especially developed for the rapid and reliable analysis and result interpretation of line probe assays. The **GenoScan®** system comprises a reader with specific software, hence allowing the automated analysis of the **GenoType** and **GenoQuick®** assays. After the automated hybridization of the **GenoType** assays, the **DNA•STRIPs** can be read and analyzed directly in the incubation tray. The **GenoQuick®** strips are applied to a custom-made template and then placed in the reader.

The software of the **GenoScan®** system enables an objective and fast analysis of the test strips. Test specific evaluation criteria submitted to the software allow automatic band detection and assessment of band intensity guaranteeing a reliable evaluation. In addition, the program saves the results and images of the processed strips electronically. Results can be printed and exported to a connected LIMS. Therefore, manual pasting and storage of the developed strips is redundant.

Your benefits with the GenoScan®:

- **Fast and objective evaluation:** The **GenoScan®** system provides a fast and straightforward evaluation of the Hain Lifescience assays. Also for complex banding patterns an objective evaluation is possible.
- **Safe documentation:** The electronic data collection as well as the connection to your lab computing (e.g. worklist or LIMS connection) ensure a reliable documentation.
- **User-friendly:** The **GenoScan®** software is easy to use and the objective analysis of the strips reduces user interpretation errors.
- **Cost-effective:** The automated evaluation saves time and is the perfect solution for high throughput performance.

Technical Data:

Scanning capacity:	GenoType product series: up to 48 strips GenoQuick® product series: up to 24 strips
External dimensions:	60 x 38 x 11 cm (W x D x H)
Weight:	17kg
Power supply:	100–240V, 50Hz, 0.4A
Connection:	USB 2.0
Operating temperature:	15–35°C
Humidity:	20%–80%



Manual hybridization of 12 samples

TwinCubator: Your manual hybridization of up to 12 samples

Developed especially for the requirements of the products based on the **DNA•STRIP** technology of Hain Lifescience, the **TwinCubator** offers laboratories a rapid and simple hybridization platform. The **TwinCubator** is the ideal partner for the manual performance of the **GenoType** products.

Your benefits with the TwinCubator:

- **High temperature accuracy:** High-quality Peltier elements guarantee accurate heating and cooling rates and thus enable optimal hybridization conditions.
- **High level of safety:** In contrast to conventional water baths, dry incubation prevents contamination.
- **User-friendly:** Pre-programmed temperature profiles as well as acoustic signals for required changes of reagents simplify the hybridization procedure.
- **Small footprint:** The **TwinCubator** does not require a large surface and is thus the ideal solution for cramped spaces.

Technical Data:

External dimensions:	19 x 32.5 x 19 cm (W x D x H)
Weight:	5.9 kg with removable block
Power supply:	230V Europe / 115V USA, 50/60 Hz
Temperature range:	4–99°C (RT)
Operating temperature:	4–35°C

Further information is available directly from Hain Lifescience or from your local distributor!

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