

FabriTe# BENCH NEW!

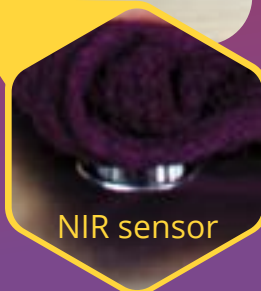
Bench-mountable FabriTell for maximum integration and productivity



Using the same technology as our standard FabriTell, FabriTell Bench has adapted optics, mounting flanges and an external screen on a cable.



This allows you to mount the device on a wooden or metal bench and seamlessly add infrared fabrics identification to your sorting process.



Use our Bench device to create a fabrics sorting station (furniture sold separately)



Get in touch now!

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What will you scan next?



Fabrics identification and sorting solutions

FabriTe

Key features

- ✓ Complete solution - no additional accessories, libraries or subscriptions required
- 👉 Super-easy to use
- ⚡ Instant identification of textile composition (<1 sec)



👕 All major fabric materials supported

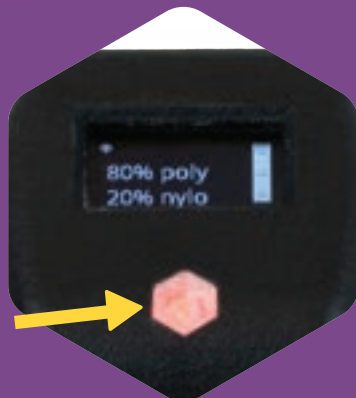
📄 Most common 2-material blends supported

☁️ Cloud-enabled for detailed insights and traceability

📱 Free iOS / Android app included

📊 Identification library and algorithms included

↗️ Scalable



Example Applications



Fabric waste sorting Increase the value of your sorted fabrics by using FabriTell - the 1 second identification time means that you can sort a large number of garments quickly and accurately.

The programmable LED (below the screen) allows you to configure a particular colour for a particular composition (e.g. blue for > 90% cotton), so that your sorters can sort quicker.

Waste stream audit Use our app to record any additional information about each sample and then export all the results using the cloud interface, in an Excel-friendly format. This enables you to do field waste stream audits quickly and efficiently.

Research & education Use our machine to educate the public about the benefits and challenges of fabrics recycling!

Technical Details

Operating Principle NIR reflectance spectroscopy, within a band in the 1-2 μm range. On-board machine learning algorithms instantly interpret the results

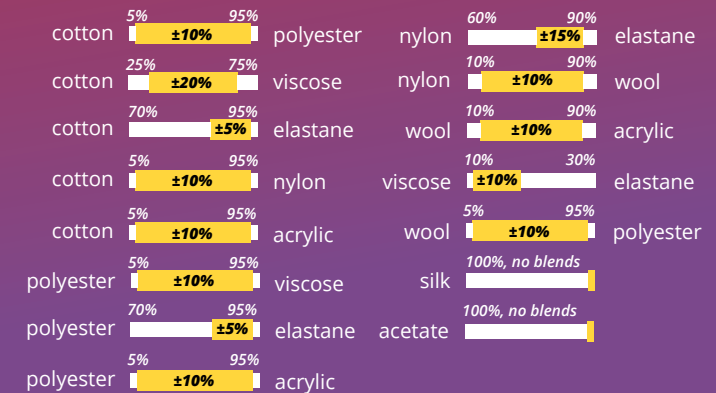
Power supply Micro-USB power adapter or optionally, built-in rechargeable battery

Connectivity Bluetooth LE (app connectivity) and 2.4 GHz Wi-Fi (to receive updates) & open source communication library

Footprint 14x13x10 cm, 0.5 kg

Warranty One year standard warranty

The machine supports 9 pure materials and 13 blends:



The performance & accuracy depend on a number of factors, such as correct measurement technique, and the numbers represent the typical accuracy rather than guaranteed accuracy for every single sample.

At low percentages, some materials can look very similar and the machine will e.g. say "95% cotton 5% contaminant" rather than "95% cotton 5% nylon".

It is not possible to separate chemically identical fibres, such as wool vs alpaca but the machine can separate e.g. cotton vs wool.

Speak to us for further details!