

prima

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The WAY to AUTOMATE.

Ready to rethink everything
you thought you knew about
process automation?





Bringing True Automation to the Assembly of
fiber-optic Components.

We began by assembling a team of automation experts from a variety of industries with one purpose—to automate the assembly of fiber-optic components.

Our resources, technology and focus have now brought true automation to the industry. The kSARIA family of standardized, modular systems will automate the processes of fiber pigtail

fabrication, fusion splicing, fiber attach, and



multi-fiber prep and attach. Our unique point of difference is that we develop automation solutions for the entire industry and all processes where fiber is involved, not just for one application. We develop the equipment, support it and continually improve it to meet your needs. That means you can now focus on what you do best—designing components and modules that work better and faster.



Meet Prima from
kSARIA.



kSARIA

Standardized automation systems lower your manufacturing cost.

With kSARIA systems, you'll dramatically improve repeatability and first pass yield, resulting in higher throughput and ultimately, a lower manufacturing cost. Further, there are no operators involved other than those needed to load and unload. Each system does the work of five to ten people.

Modular core architecture saves you time and money.

kSARIA systems are versatile and can be configured with different tools for different tasks. They are easily enhanced for your specific application. Modular automation platforms are built at the factory to quickly meet your automation needs without the expense and lead time associated with custom engineering.

Pigtail fabrication system is fast and efficient.

Our premier platform automates the primary step in fiber-optic components assembly—fiber pigtail manufacturing. It begins with raw fiber, which is automatically spooled and transported through the system for processing. Every thirty seconds, the system produces a pigtail in a fiber work tray ready for the next process.

Fiber Work Tray simplifies your whole process.

Prima's fiber work tray is a key component of the fiber pigtail fabrication system. Its unique design provides the means for automatic loading of a fiber spool onto a convenient tray. This work tray may be manually or automatically passed onto downstream processes. It can accommodate fibers of different diameters, and secures the fiber in fixed positions to locate them for further processing.

Prima:
The first in
the family.

Our first fully automated system, the remarkable Prima, is changing the way the industry thinks about fiber processing. Finally, true automation for fiber-optic components is here. Prima is the result of our thinking, our rethinking and our determination to automate a process that was always assumed to be either a manual or sem-automated task—or an expensive custom engineering endeavor.



Prima's operating environment provides complete management of your fiber prep process, increasing throughput and reducing labor costs.

Windows NT controls the system and keeps you in control.

Prima's easy-to-use software is powerful and flexible enough to meet a variety of specifications. To run the machine, all you need do is load a cassette, select a recipe and click.

Prima will keep running until all the trays in the cassette are processed. The system will signal when the cassette is full. Then you simply load another cassette and click to start the process again.

The software program is intuitive and can be programmed for multiple levels of access for different users to control access to recipes. To program recipes, simply click on the recipe icon and set process parameters for each tool.

Another key feature of the software is the "Profiles" tab. This feature allows you to change a single parameter of your process that is common to many recipes across the board.



Now it is much easier to keep your recipes up to date and to program for special applications.

There is also a comprehensive event management system in the software that tracks all events and errors. This feature logs all system events as they occur—including warnings and errors—and prioritizes them, warning the operator if there is an error that needs immediate attention.

If there are multiple events at once, the system will prioritize events, putting the most important ones at the top of the list.

In addition, kSARIA has designed Prima with a statistical process control system that allows you to monitor significant system parameters. That means you can set preventative maintenance clocks, set limits for preventative maintenance, and track frequency of all events that can happen in the system. This way, you will see what events happen most often.

kSARIA: Service and Support

Your Prima system purchase includes installation, warranty and training credits. KSARIA offers worldwide support and a variety of support programs tailored to your specific needs. Web-based programs include access for updates, manuals and trouble-shooting. Technical support is also available by telephone.

kSARIA: Get in touch with us.

Now that kSARIA is a player, automation is a whole new game. To speak to a sales engineer now about your application, about Prima or about any aspect of our exciting new technology, just call **1-866-4-kSARIA**. If you prefer, visit www.ksaria.com or send an email to sales@ksaria.com.



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