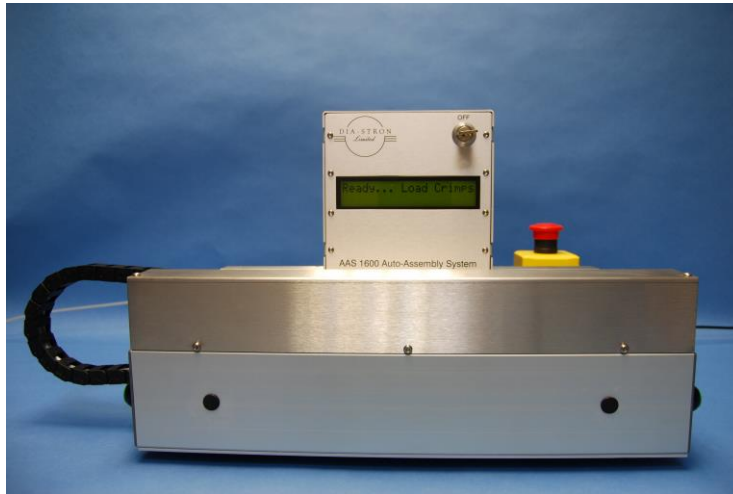




AAS1600 – Automated Assembly Station



AAS1600 Automated Assembly Station: improves the process of mounting single fibres, increasing productivity and consistency of results.

General Information

Principal benefits

- Automated fibre threading and crimping
- Improves throughput of sample preparation productivity by 70%
- Reduced risk of '*Repetitive Strain Injury*' to operator compared to mounting manually
- Increased sample quality including, consistent crimping pressure and sample alignment within crimps

Overview

This instrument dramatically increases throughput when mounting single samples and is the perfect accompaniment to any Dia-Stron instrument based on our brass crimp system. Designed to be a compact, self-contained unit, it is ideal to be placed on any standard bench top.

System Description

The AAS1600 Automated Assembly Station comprises of a single, fully automated unit. The system comprises of six steps.

1. Two brass crimps are loaded into pockets on the sample block
2. The threading needle passes through both crimps
3. Sample is hooked onto needle and drawn through both crimps
4. Sample is straightened and clamped in place
5. Crimping block is withdrawn into press and pneumatically crimped
6. Sample is returned to operator

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