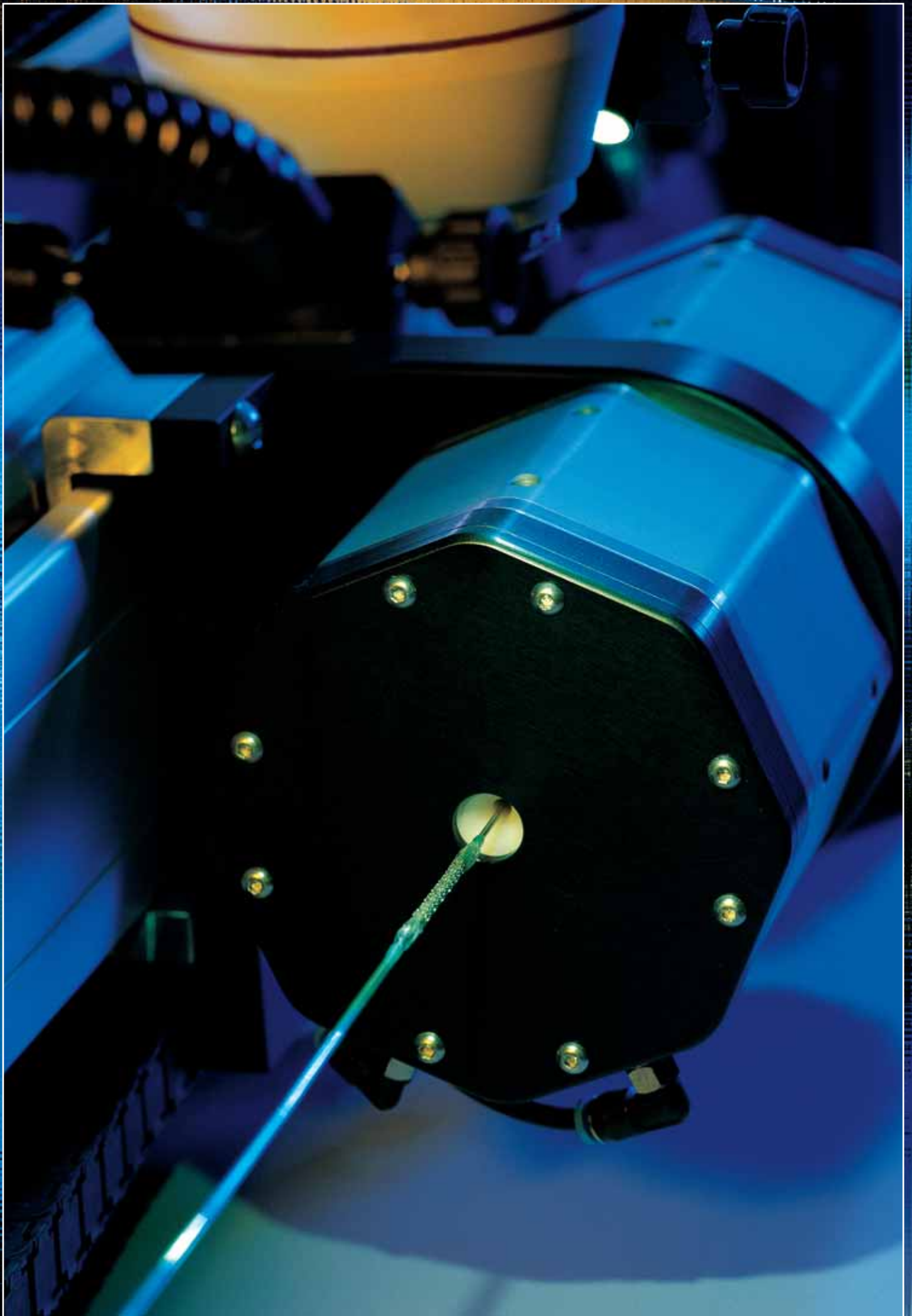




MANUFACTURING EQUIPMENT



## Manufacturing Equipment

Because of the ever changing marketplace, not only your products but also your manufacturing processes are being challenged on a continuous basis. We have recognized and anticipated your situation by offering a broad range of manufacturing equipment that addresses the latest stent market trends.

### Stent Pre-Reduction Machine

With this unique machine, stent diameters can be reduced prior to stent crimping in order to obtain an optimal stent to balloon diameter match. This innovative process literally reduces process times to seconds and increases yields to a maximum.

- Unsurpassed process reliability
- Precise diameter control
- No operator dependency
- No stent length limitation
- High process yields
- Extremely short cycle times
- Unaffected stent uniformity
- Low maintenance & calibration costs

### Universal Stent Crimper

Stent crimping remains a very critical process in the manufacturing of a stent delivery system. We developed and patented a unique, fully automated crimping technology, which is based on a force-controlled principle: crimping is continued until equilibrium of forces has been reached.

- Digital pressure controlled crimping
- PLC controlled automated process cycle
- No pre-crimped profile measurements
- No tool changes or adjustments
- Low maintenance & calibration costs
- Unsurpassed process consistency
- Large crimped diameter and length range
- Over-The-Wire & Rapid Exchange compatible
- No operator dependency
- High process yields
- Short cycle times
- Improved product safety & efficacy

### Post Crimping Heat Set Machine

Given the market trend towards direct stenting, requirements related to stent retention, stent edge protection and profile smoothness have been raised to a new level. Fortimedix has anticipated this market trend by the introduction of the Post Crimping Heat Set Machine.

- Significant increase in stent dislodge forces
- Superior profile smoothness and uniformity
- Optimal stent edge protection and cone forming
- Improved stent embedment





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