Dedicated to providing physicians worldwide with innovative high-technology devices.

Direx marks nearly 30 years of high technology innovation during which we have offered advanced and unique therapeutic technologies in urology. Since the groundbreaking introduction in 1986, of the world’s first modular and compact SWL system, further innovations have been introduced to the market including:

- Linear Shockwave Therapy for Erectile Dysfunction
- Low Intensity Shockwave Therapy for Diabetic Foot Ulcer
- Dual-head shockwave lithotripsy
- Transurethral RF bipolar treatment for BPH and prostate disease
- Stationary patient SWL with Integra, incorporating In-line and On-line fluoroscopy
- Holmium lasers for lithotripsy with “Fibrex” optical fiber

To date, thousands of such devices have been installed in over 70 countries worldwide. These units are supported by trained and experienced service professionals.
### Themis 30W Holmium Laser

**Holmium YAG Laser: An Essential System for Urology**

The application of lasers for intracorporeal stone fragmentation and various soft tissue procedures have set high standards in the field of urology. Themis, and its “Fibrex” fiber optic delivery system, are intended for use in surgical urological procedures as well as soft tissue treatments used in general surgery.

The Themis system is a holmium laser with 2.1 micron wavelength emission which is highly absorbed by water and soft tissue.

### Applications in Uretral
- Uretral stone treatments
- Kidney stone treatments
- Bladder tumors
- Strictures
- P.C.N.L.
- T.U.I.P.

### Benefits of Themis
- Short pulse operation (150 μ.sec.) for highly effective calculi fragmentation
- Long pulse operation (800 μ.sec.) for cutting and coagulation of soft tissue providing excellent haemostasis
- 30W/3 Joule high-power shortens treatment time
- Green aiming beam

### Fibrex LT for Holmium

High-quality silica/silica fiber developed for the high demands of pulsed laser devices

**Properties**
- ETO-sterilized, double packed (pouch in pouch)
- standard length 3 m, NA = 0.22
- applicable for UV 532 nm and IR up to 2200 nm
- standard high-power SMA905 connector
- available as single-use or reusable
- flat-rounded tip design for save scope entry (disposable version)
- various accessories available (strippers, cleavers, etc.)

### Standard sizes

<table>
<thead>
<tr>
<th>Core Diameter (μm)</th>
<th>Operating Power Max (W)</th>
<th>Single-Use / Disposable</th>
<th>Part No.</th>
<th>Reusable</th>
<th>Part No.</th>
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<tbody>
<tr>
<td>200</td>
<td>20</td>
<td>Fibrex 200S</td>
<td>89-FBRX-011</td>
<td>Fibrex 200R</td>
<td>89-FBRX-001</td>
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<tr>
<td>272</td>
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<td>89-FBRX-012</td>
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<td>89-FBRX-013</td>
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### Non-standard sizes*

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<td>Fibrex 1000R</td>
<td>89-FBRX-008</td>
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*special conditions may apply, please check with us for availability and terms