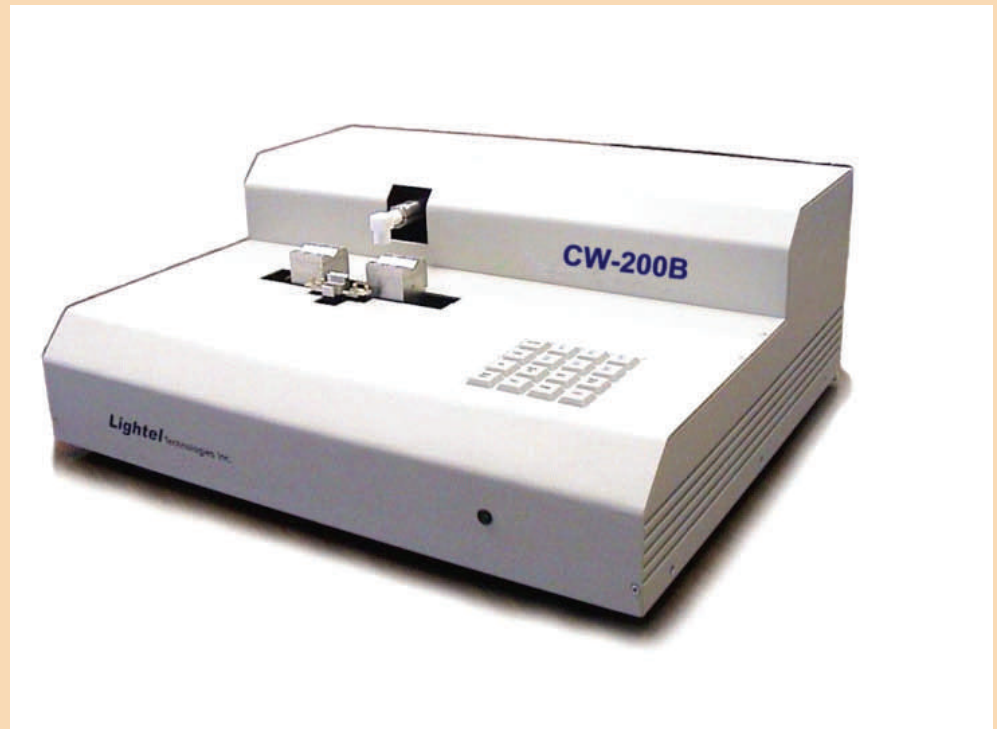


Features:

- Low maintenance and high production yield
- Automatic fusion/pulling control
- Super high precision pulling motors
- High precision vacuum packaging stage
- 3D torch system with Hydrogen (Oxygen option available)
- Internal wavelength switchable for dual window coupler fabrication
- Windows based operating system
- 16 bit A/D converter card & motion control card (6 axes standard, 8 axes optional for special workstations)
- Real-time graphic display for coupling ratio and excess loss monitoring
- Database management
- Networking capability with supervisory management
- External gas safety alarm
- Small footprint [45cm (L) x 37cm (W) x 17cm (H)]
- Optional choices:
 - Parallel fusing clamps
 - Rotator pulling stage
 - Multiple power monitoring ports (up to 5)

CW-200B Coupler Workstation



Applications:

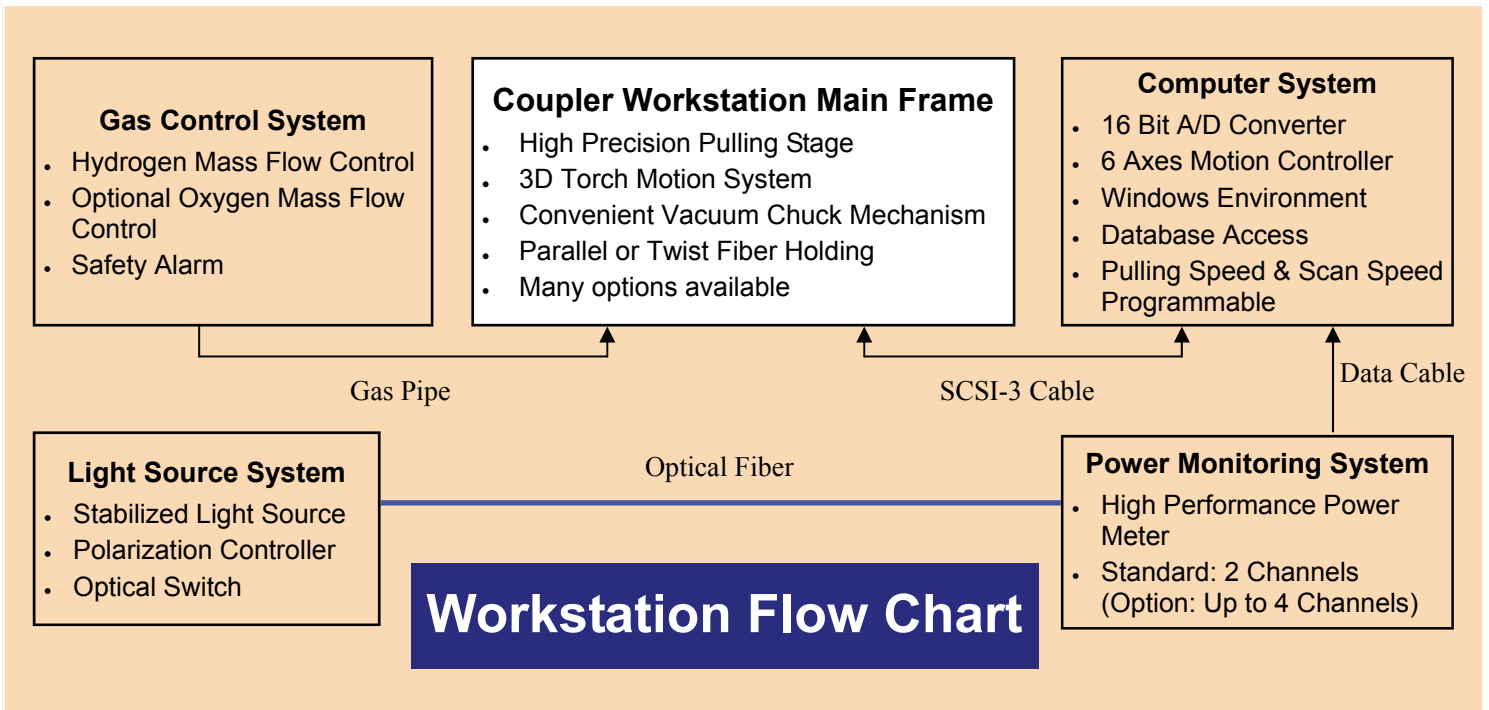
- ✓ Single-mode splitters: 1x2 or 2x2, single or dual window, 1% to 50%
- ✓ Single-mode splitters: 1x3 or 1x4, single or dual window (w/ special fixture)
- ✓ Single-mode ultra flat 50/50 splitter: 1310±50nm, 1550±75nm
- ✓ Single-mode PDL-free 50/50 coupler: PDL<0.01dB, single-window wide-band
- ✓ Single-mode WDM: 1310/1550, 980/1550, 1480/1550, 1550/1625,...
- ✓ Multimode single-fuse splitter: 1x2, 1x3,..., 1xN
- ✓ Special fiber coupler: 80µm~200µm (or custom size) fiber diameter (w/ special fixture)
- ✓ PM couplers (Panda, Tiger,...): Special workstation option

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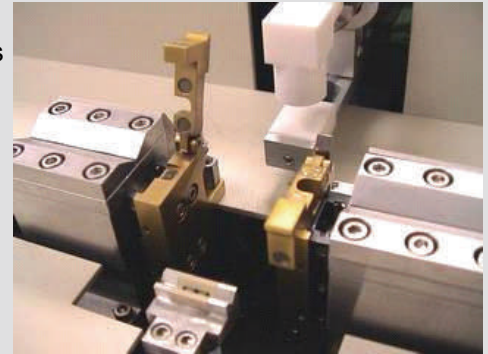


Parallel Fusion Option:

- Greatly reduce the fiber stripping length to allow compact-size couplers
- Special technique to allow PDL-free couplers
- Bare fiber clamps selectable from 80 μ m to 200 μ m (or custom size)
- Easy system expansion to handle up to 4 fibers

Applications:

- Compact size splitters and WDMs
- 1x2, 1x3, 1x4 couplers
- PDL-free 1x2 couplers
- Special types that cannot be made by twist fusion, e.g. PM couplers

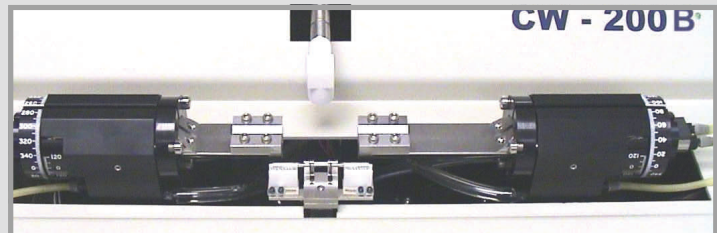


Rotation Pulling Stage Option:

- Specially designed rotator for post-fusion rotation (up to 960° turning)
- Precisely tune the coupling ratio
- Greatly improve the coupler PDL
- Fine tune the wavelength peaks in WDMs & improve WDM isolations

Applications:

- Low-PDL couplers
- Dual window wide-band couplers
- High-isolation WDMs, especially for WDMs with close wavelengths (e.g. 980/1030, 1480/1550,...)



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