

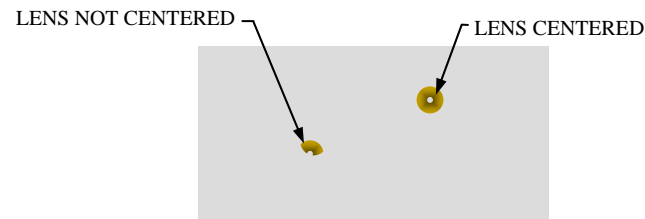
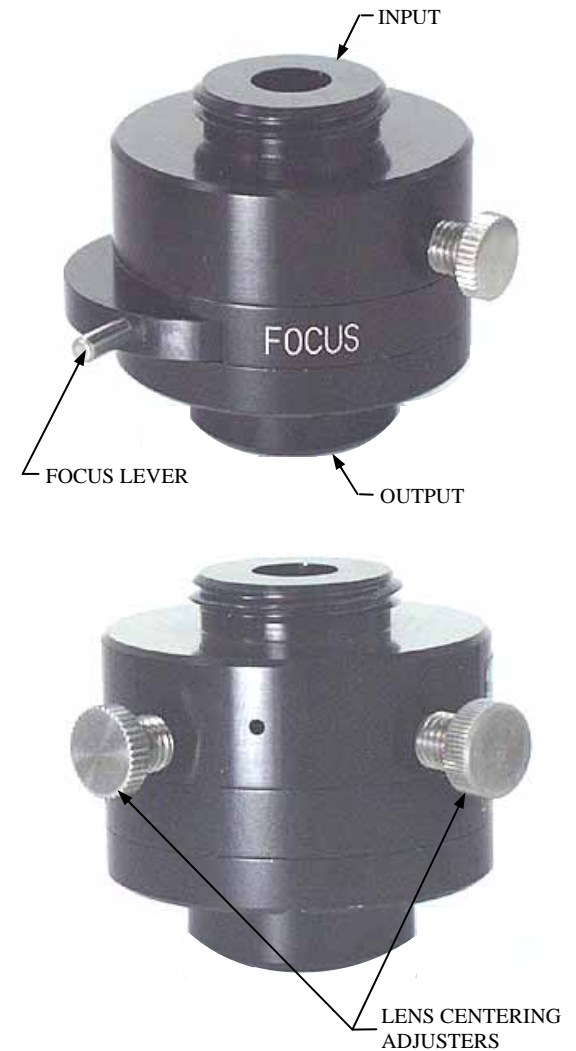
ENDOSCOPE COUPLER USER GUIDE

1. Attach the end of the arm to the input end (male thread) of the endoscope coupler (if the arm does not have a $15/16 - 12$ thread adapters are available).
2. Thread the laparoscope/endoscope into the output end (female thread) of the endoscope coupler.

WARNING

MAKE SURE EVERYONE IN THE AREA IS WEARING LASER SAFETY GLASSES FOR THE WAVELENGTH OF THE LASER BEING USED.

3. Turn on the laser.
4. Slide the focus lever to FOCUS on the endoscope coupler.
5. Place a thermal card (MLS part number PLBRN0001) or a business card for a target in front of the endoscope at the focal point (.5in from the end of the laparoscope).
6. Fire the laser, suggested settings:
 - 0.1sec @ 10W for a thermal card
 - 0.1sec @ 14W for a business card.
7. Look at the burn spot on the target. If the lens is not centered, use the lens centering adjusters to center the lens. Without rotating the endoscope coupler, repeat firing the laser at the target, and checking the burn spot and adjusting the lens until the lens is centered.
8. When using the endoscope the spot can be focused and defocused by sliding the focus lever on the endoscope coupler between FOCUS and DEFOCUS.



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SPECIFICATION

Input threads	Male $^{15}/_{16}$ -12 (adapters available)
Output threads	Female M18-1.0 (adapters available)
Output pressure seal	15psi (1.03 bar)
Focal length	350mm
Clear aperture	5mm max
Weight	5oz (0.14kg)

PLBRN0001 Thermal cards for targets and adapters can be obtained from **Medical Laser Services (248) 474-5018**



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