



| 2202 |

Pro Focus Ultrasound Scanner



■ Making You Confident with Ultrasound

■ we specialize because you do



- **Choice of 3 monitors:** LCD flat screen, LCD flat screen on arm, or standard CRT monitor.
- **Integrated 3D:** See new planes and greater detail. Visualize sphincter tears, tumors and RF needle placement.
- **Built in archiving:** Save a range of image types immediately to the scanner hard drive, a CD, USB device, network or DICOM.
- **Contrast Imaging*** for abdominal, intraoperative, laparoscopic, small part and prostate.
- **Full range of Doppler functions:** Power Doppler, Color Flow Doppler, Spectral Doppler and CW Doppler.
- **Harmonic Imaging** to see more details.
- **Intelligent, ergonomic keyboard:** Adjustable and detachable. Buttons light up based on relevant functions in each situation.
- **Convenient remote control:** Operate the scanner from the sterile zone. Compatible with modern sterilization methods (including STERRAD®).



■ Work confidently and efficiently



■ Ultrasound made simple



A quality image quickly and simply

The Pro Focus provides high definition images, so you can see greater detail. Attach a transducer and the Pro Focus automatically optimizes transducer and application settings, giving you quality ultrasound images immediately.

A complete overview with integrated 3D

Instant 3D with the touch of a button. Save a 3D scan and review the image in all anatomical planes after the examination. Minimize patient discomfort and reduce examination times.

Simpler screen, intuitive interface

The Pro Focus has a user interface that is simple to use and understand. An uncluttered screen lets you concentrate on the image. The scanner adapts to the way you work through personalized menus. A multitude of options, user-friendly features and upgrades make it easy to tailor the system to meet your specific needs.



The Pro Focus provides great flexibility and a superior easy-to-use ergonomic design.

The flexible arm allows you to move, tilt, raise and lower the monitor to see the large, high definition screen while you sit or operate in different positions.

■ Peace of mind

For 30 years, BK Medical has been an innovative leader in medical ultrasound with the world's largest selection of application specific transducers.

Pro Focus offers you access to:

- The gold standard in specialized ultrasound.
- A range of more than 25 specialized transducers.
- BK's continuous development and innovative design.
- An ultrasound platform for the future.

** Contrast-enhanced imaging has not been market cleared by the FDA for use in the USA.*

Note: Some features mentioned in this brochure may not be available on all models, or are available as options. Some options may not be available in your country.



■ Transducers based on 30 years of innovation

■ Versatile and Specialized

The Pro Focus is a platform with access to more than 25 versatile transducers. Change the transducer and the system instantly adapts.

Most transducers come with an integrated puncture guide and biopsy kits that are designed for each specific transducer, making interventional procedures easier, safer, and faster.

■ An Innovative Company



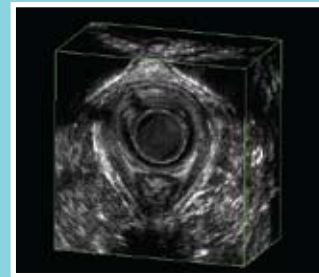
As the creator of the world's only 360° anorectal and pelvic floor transducer with built-in 3D mover, BK Medical prides itself on innovative development and design.



The world's first surgical biplane transducer

A breakthrough in surgical imaging for precise needle guidance, the 8814 provides simultaneous biplane imaging, via two arrays that image in intersecting planes. Follow the needle in the intersection of the two planes, and focus on the needle's target while keeping an eye on adjacent structures.

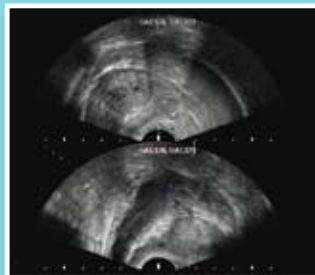
■ BK Medical - The gold standard in specialized ultrasound



3D endovaginal scanning with the 2050 transducer

■ Urology

- The 8818 and Triplane gives you unsurpassed image quality in three visionary planes that open up the entire prostate.
- The 8808 live simultaneous biplane transducer for better orientation during needle placement.
- The 8848 is a resolution revolution in image guided prostate therapy. Scan any sized prostate, from base to apex, easily.
- 3D scanning to better distinguish zones of the prostate, and verify capsule integrity.
- Specialized puncture equipment for prostate biopsies - accurate, easy to use and clean.
- Color and Power Doppler for kidney, testis and penile scanning.
- Essential setups and measurements for precise volume studies, simultaneous biplane imaging and tissue harmonic imaging.



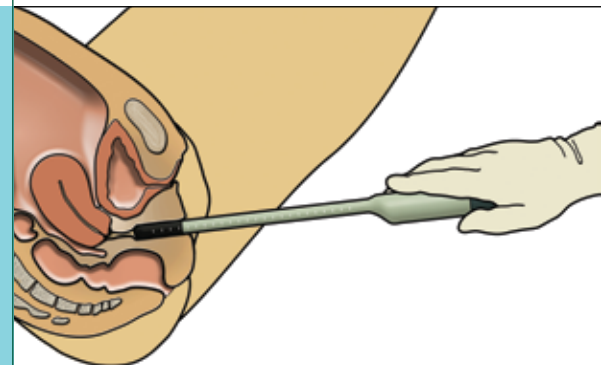
Left: Prostate contrast. After laser treatment, sagittal view with 8848.

Right: Simultaneous biplane. Left lateral deep biopsy with 8818.

■ Pelvic Floor

Incontinence and prolapse assessment, treatment and follow up with high resolution detailed images.

- See the detailed, visual correlation between anatomy, function and vascularity with our dedicated range of Pelvic Floor transducers and unique high resolution 3D capabilities.
- 3D endovaginal scanning with no external moving parts and excellent endovaginal image quality.
- Unsurpassed endovaginal imaging for dynamic urethral function and posterior compartment evaluation.
- With excellent image penetration and depth, visualize the dynamics and function of pelvic floor dysfunction.

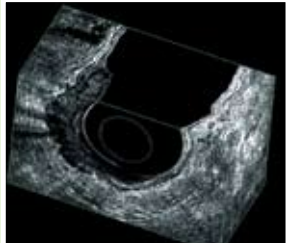




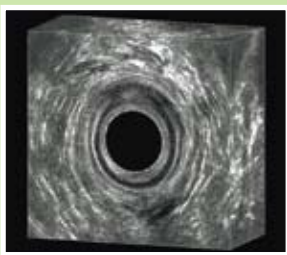
■ Colorectal

- 2052 transducer with integrated mover with unique 360°, 3D imaging of the rectal cavity. High 16 MHz and medium frequency crystal to suit all transanal, transrectal and transvaginal examinations.
- Volume render mode to modify the opacity of a 3D image. Enhance 3D images to see sphincter tears or follow fistulas in all anatomical planes.

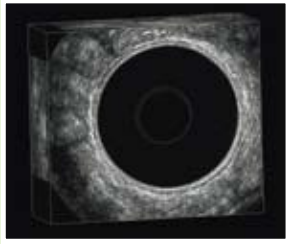
3D picture of T3 rectal tumor



39Y male. Dorsal transsphincteric fistula.



80Y female. Control post TEM.



■ Surgery

- Broad range of surgical transducers including:
 - The 8814 v-shaped simultaneous biplane with puncture guide.
 - The 8666-RF flexible 4-way and rigid laparoscopic transducer in one.
 - Super high resolution, large field of view and large penetration T or I shaped intraoperative transducers.
- Dedicated surgical puncture equipment and needle guides.
- Contrast imaging on all surgical transducers to help your diagnosis and for verification of ablative treatment.
- Integrates with your surgical rack.
- Picture in Picture viewing of two image modalities on one screen.
- Integrated 3D to see planes you have never seen before.
- Color Doppler to identify and differentiate vessels.



Scan of liver depicting blood flow in portal vein branch at the border of a large tumor.



Left: Fine needle aspiration of cystic breast lesion just before the needle enters.

Right: With needle tip inside.



■ Radiology and General Ultrasound

The Pro Focus provides clear image quality and a choice of transducer and puncture guides to suit a range of general examinations including breast, abdominal, vascular, cardiac, obstetric and gynecology.

- Multifrequency and broad bandwidth for good penetration and image quality.
- Range of superb Doppler functions.
- Contrast Imaging for improved diagnostics and verifying ablative treatment.
- DICOM® Store, Print, and Worklist.
- Cardiac Package including M-Mode and CW Doppler.
- Focus on a specific part of the image with “freeze-zoom”.

■ Obstetrics and Gynecology

- Fast, accurate examinations.
- High image quality shows a range of fetal details.
- Abdominal and transvaginal transducers.
- Customizable keyboard, assign functions to keys for fast measurements.

■ Musculoskeletal

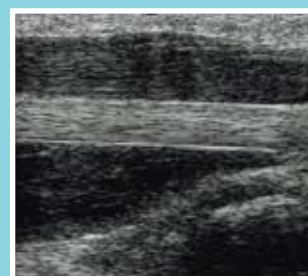
- Operating at 15MHz - the 8809 transducer provides high resolution in the near field.
- A wide range of transducers.
- Variety of puncture guides for safe and fast intervention.

■ Disinfection



The PCU and all transducers including cable and plugs can be disinfected by immersion in suitable solutions. Some can be processed using STERIS SYSTEM 1®, STERRAD® 50, STERRAD® 100S, STERRAD® 200, or ethylene oxide gas (EO).

The biopsy components are detachable and compatible with modern sterilization techniques. Non-disposable puncture attachments can be autoclaved. Disposable covers are available.



15 MHz longitudinal view tendon

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