

MicroTool™ Disposable Counter

Achieve superior accuracy, convenience and safety with single-use MicroTool sperm cell counters. MicroTool counters are affordable and made in the USA.



The MicroTool's fixed cover and even chamber depth provides great cell counting accuracy. Unlike reusable slides, MicroTool chambers are unaffected by factors such as incomplete cleaning, surface scratches and tendency for the coverslip to rise. The MicroTool draws in samples using capillary action. When loading MicroTool, the sample stabilizes quickly, and analyses may begin instantly. The MicroTool also provides clean sanitized chambers. MicroTools are compatible with most automated sperm motion analysis (CASA) instruments. Because there is no counting grid etched into the chamber, you may select fields for analysis from any part of the chamber. For manual cell counting it is necessary to use an eye piece reticle. MicroTools are manufactured from inert non-toxic materials that are safe for cells, including pig sperm cells.

Quality The MicroTool family of slides have been used for sperm analysis for over 20 years. All slides are made with non-toxic materials. During manufacturing, each slide is put through a rigorous quality control process. Every piece of glass is inspected, washed and coated to prevent sperm cell sticking. Each chamber slide is checked by laser interferometry to assure that each MicroTool is 20 microns in depth. Finally, a random sample of MicroTools from each production batch is assessed for proper sample loading.

Chambers The 7-chamber MicroTools have been optimized for pig cell (Suidae) analyses. Chamber 1 and 7 are used for manual microscopy. And the 5 middle chambers are used for CASA analyses. All 7-chambers have a depth of 20-microns that are perfect for boar, pig, hog, bovine, canine and equine sperm cells counting and mobility assessment.

Cost The cost of MicroTool slides can be found at Cytonix.com. MicroTool slides are sold in packs of 24 devices. Volume discounts are available for purchases over 80 packs.

Buying MicroTool slides can be purchased at www.Cytonix.com, emailing or by calling 301-470-6267.

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