

**E-Z Mixin® “BFT” w/ Ticarcillin**

E-Z Mixin® “BFT” is ARS’s latest extender formula for cooled, stored and/or transported semen. This extender includes a pull-apart capsule containing Ticarcillin and is recommended for stallions that have problems shipping in Amikacin based formulas.

EZMTD-BF 1 kit  
24 or more kits

**E-Z Freezin™ Semen Extenders**

E-Z Freezin™ Semen Extenders are recommended for use in equine frozen semen breeding programs. Used to freeze semen in liquid nitrogen for long-term storage. Two E-Z Freezin™ Semen Extender formulas, Lactose EDTA (“LE”) and Modified French (MFR5), are available for freezing semen. Semen from individual stallions should be tested in both formulas to determine which yields the best results. Both formulas are sold in 15 ml hermetically sealed packets.



**Frozen, Overnight Shipping Required.** E-Z Freezin™ Semen Extender orders will be shipped using overnight service to minimize the risk of thawing. Because this product requires an insulated inner container, dry ice, and an outer corrugated box for shipment, a \$15 packaging fee will be added to each order in addition to overnight delivery charges. Due to the temperature sensitivity of this product, return of E-Z Freezin™ Semen Extender is not accepted.

**E-Z Freezin™ “LE” Equine Semen Extender**

“LE” is a Lactose EDTA formula that contains the antibiotic Ticarcillin. Allows semen to be processed at room temperature with no cooling period required prior to freezing. Each E-Z Freezin™ “LE” lot is evaluated by the Colorado State University Animal Reproduction and Biotechnology Laboratory to ensure a superior product. Sold in 15ml hermetically sealed, foil-lined packets.

EZF-LE 1 packet

**E-Z Freezin™ “MFR5” Equine Semen Extender**

A modified French formula that contains the antibiotic Ticarcillin. E-Z Freezin™-“MFR5” requires semen to be cooled slowly to 5C (41F) prior to undergoing the freezing process. Each E-Z Freezin™ “MFR5” lot is evaluated by the Colorado State University Animal Reproduction and Biotechnology Laboratory to ensure a superior product. Sold in 15ml hermetically sealed, foil-lined packets.

EZF-MFR5 1 packet

**Hancock Equine Semen Stain**

An Eosin-Nigrosin stain used to determine the number of live-dead spermatozoa in an ejaculate and to analyze morphological characteristics. Spermatozoa with intact cell membranes will not absorb the stain while those with damaged cell membranes will absorb the stain and appear darker. Doesn't require refrigeration.

HCS-101 10ml bottle

**\*591B Densimeter Kit**

- Quickly and accurately estimate sperm concentration
- Built-in “Expert System” for evaluating direct transfer and cooled semen
- Includes E-Z Records™ Equine software for recording data and report generation
- Automatically perform calculations required to create appropriate insemination doses.
- Built-in storage and retrieval of collection data

Housed in a sturdy, lightweight plastic and metal casing, measuring 9"x8"x4" with an approximate weight of 2 lbs. The front panel has a 20-button keypad and an illuminated liquid crystal display (LCD) panel. On the back is the power switch, power receptacle and a RS232C Serial Communications Port which is used for connection to a personal computer.

Densimeter kit includes a universal power supply (120V / 240V operation), 12 volt car adapter, instruction manual, required peripheral equipment, alternate calibration loader CD, and a copy of ARS's publication “Techniques for Collection, Evaluation and Insemination of Stallion Semen, 3rd Edition”.

Additional species calibrations, semen processes or alternate tests may be purchased separately.

DENK-701 Kit for Equine  
DENK-907 Kit for Bull

**\*590B Densimeter Kit**

- Portable, ideal for mobile operations
- Affordable sperm concentration measurement
- Same superior accuracy as 591A Densimeter
- Built-in Battery Charger charges nickel metal hydride and nickel cadmium batteries.

A smaller Densimeter, approximately 7" x 5" x 3.5", with a built-in battery charger.

All calculations on processing semen must be performed manually unless the 590a Densimeter is connected to a computer with the optional E-Z Records “Equine software. The 590a Densimeter / E-Z Records” Equine software combination will solve the same calculations performed by its larger cousin, the 591A Densimeter. This combination is also designed to keep track of information about the farm, stallions, collections, does and booked mares for the user. Convenient reports on each collection, stallion and mare may be printed, as well as dose shipment reports.

The 590a Densimeter comes loaded with one, and is designed to hold up to two, species calibrations at any given time. Additional species calibrations may be purchased and downloaded into the Densimeter by the user. The 590a Densimeter also includes a calibration which directly displays the percent transmission of the sample. Includes a universal power supply (120V / 240V operation), instruction manual, equipment and disposable supplies to perform the first 100 measurements, alternate calibration loader CD, and a copy of ARS's publication “Techniques for Collection, Evaluation, and Insemination of Stallion Semen, 3rd Edition”.

DENK-1001 Kit for Equine  
DENK 1007 Kit for Bull

**\*Optional Additional Species Calibrations**

Additional species calibrations to add to your 591B or 590B Densimeter. Please specify Densimeter model number when ordering.

BUX Bull



HCS-101

- Each Densimeter kit includes equipment and supplies to perform the first 100 measurements:
- A 180ul fixed volume positive displacement pipette.
  - A rack of 100 disposable pipette tips.
  - Formalin dispenser w/solution
  - A bag of 100 4ml plastic disposable cuvettes and caps
  - Box of Kimwipes



DENK-701



DENK-1001