

ENCISION AEM EM 200



Encision's AEM EndoShield® Burn Protection System eliminates the chance of stray energy burns to patients during laparoscopy, by electrically shielding and monitoring the AEM® instrument inside the patient's body.

Every AEM instrument has a protective shield that is actively monitored by the AEM EndoShield Burn Protection System throughout a procedure. This protective shield eliminates the risk of capacitive coupling to the patient by draining the energy away from the patient, back to the EndoShield. If an insulation failure occurs, the AEM system actively drains the electrosurgical energy away from the patient through this protective shield. In addition the AEM Burn Protection System immediately shuts down the instrument power, similar to a circuit breaker (GFCI) in the electrical wiring of a house.



In every AEM instrument, the active electrode is surrounded by the primary insulation layer. The primary insulation layer withstands the high voltages of electrosurgery, ensuring effective use of the active electrode. The protective shield is a conductive tube that surrounds the primary insulation layer and active electrode. The shield conducts stray energy back to the generator, ensuring there is no chance of a stray energy burn to the patient. The outer insulation provides an additional layer of insulation for all AEM instruments.

ENCISION®
DELIVERING ENERGY SAFELY

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Product Order Code
ES EM200