The electric Cortical Contusion Impactor device offers a dramatic enhancement that is fast becoming a favorite in the neurotrauma research community. The eCCI is constructed with a sturdy aluminum frame to maximize rigidity, thereby ensuring impact accuracy. The support base, animal platform and impactor head are anodized to prevent oxidation and to ensure equipment longevity. Product assembly includes the base and support frame, and adjustable animal positioner with an aluminum animal platform to be used in conjunction with a variety of stereotactic mounts. This model utilizes the enhanced linear motor driven impactor and controller. The enhanced impact head also houses a photo-optic sensor to determine velocity, impact depth and dwell, and is extremely reproducible.

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