

Electric Hand

An electric hand is driven by the electrical impulses transmitted every time an arm muscle contracts or by a switch control on the harness of the prosthesis. Grip speed and grip force of the hand are controlled proportionally to the strength of the muscle signal or pull. In addition, some electric hands feature sensors in the fingertips that prevent objects from slipping; these sensors recognize when an object begins to slip and automatically increase the grip force as needed.



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