

Synrise[®] FlexHand[™] V1

6DoF Soft Tendon-Driven Bionic Dexterous Hand



Precision Biomimetic Drive System

Powered by 6 independent motors for near-human dexterity and ultra-precise motion control.

Superior Wearable Flexibility and Compactibility

Ultra-light 314g, 1:1 bionic design ensuring compatibility with mainstream prosthetic sockets.

Rigorously Validated Durability

Passed 10,000+ continuous grasping cycle tests for stable structural performance.

Worry-Free Splash Protection

Daily splash-proof design withstands hand washing, rain & spills for worry-free use.

Everyday Impact Resistance

Impact-resistant build withstands everyday knocks for long-lasting durability.

Precise Intuitive EMG Control

Dual-channel EMG × SynchroFlow[™] algorithm, minimal training needed.

Core Drive Architecture	6 Independent High-Precision Motors
Motion Control	Full 6 Degrees of Freedom (6DoF)
Total Weight	314g
Max Load	2.5kg (Four-finger Grasp)
Durability Validation	Passed 10,000+ continuous grasping cycle tests
Protection Rating	IP54 & strong impact resistance



Ultra Motions

Soft Touch

Find more: [Synrise Embodied AI Q](#)

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