

ARM 5E Micro

5-function ELECTRIC Micro manipulator arm



**The world's lightest
underwater 5-function
manipulator arm suited to
very light ROVs**

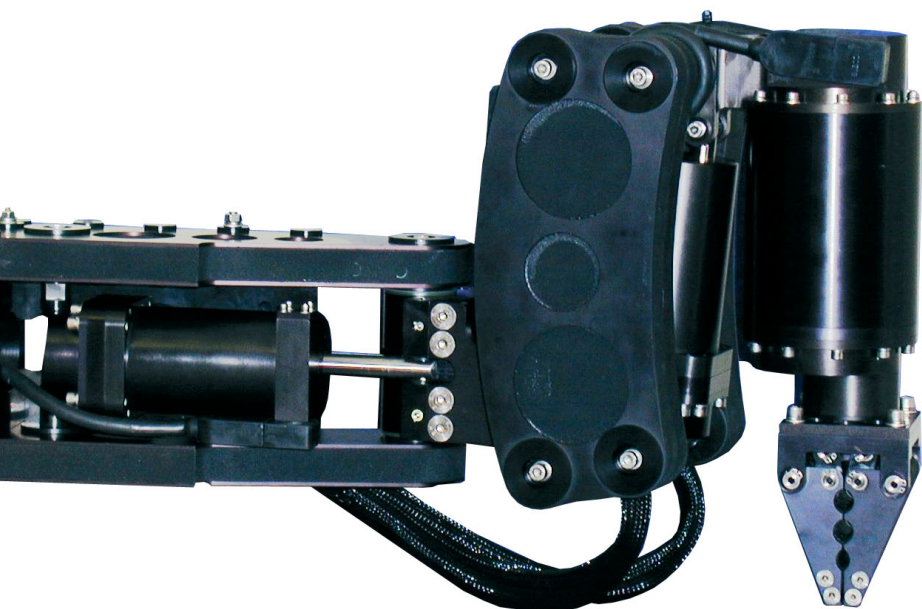
- Fits on very light ROVs
- Very lightweight 2.75 kg (6.06 lb) in water
- Zero Oil System (oil filled system available in option)
- Depth rating 300 m
- Lifting capacity 10 kg (22 lb)
- Reach of 640 mm radius & a slew of 120°
- Powered by brushless 24-30 Vdc electric motors
- Skid mounted (optional)

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TECHNICAL SPECIFICATIONS

Capacities	Weight	: 2.75 kg total mass in water
Slew : 120° LH or RH mounting		: 2.2 kg mobile mass in water
Elevation : 90°		: 10 kg in air
Elbow bend : 130°		
Reach : 640 mm (from the slew pivot)	Material	: 6082 T6 Aluminium Alloy, hard anodised
Lift : 10 kg at 0.5 Amps at full extension		: Airex C70.200 foam
Jaw rotate : continuous		
Jaw opening : 125 mm at the tips	Power supply	: 24-30 Vdc / 240 Vac
Jaw rotate torque : >10 Nm at 2 Amps		
Jaw rotate speed : ~49 rpm at 24 Vdc	Operating depth	: Up to 300 m (zero oil system with air filled voids)
Jaw closing force : >50 kg at 2 Amps		: <i>Deepwater oil version optional, up to 3000 m</i>
	E Link options	: RS 232, RS 485



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