

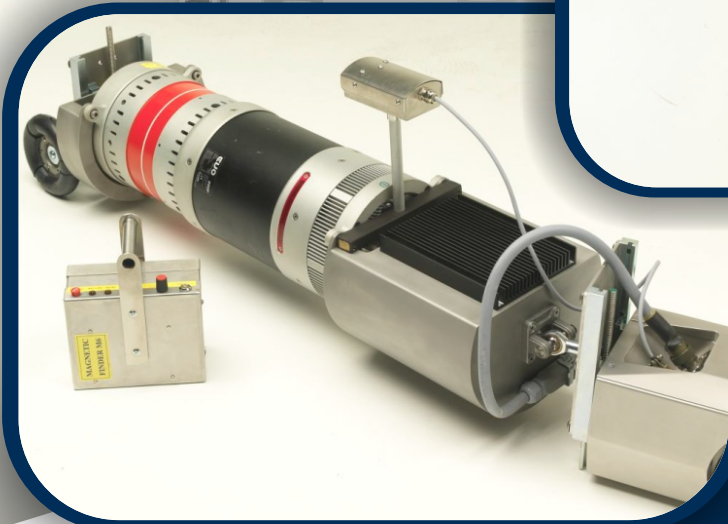
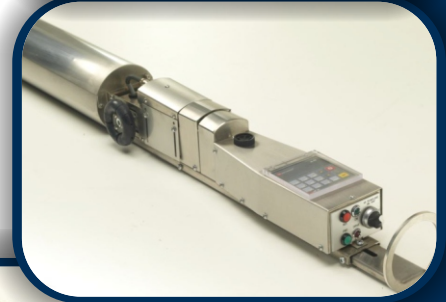
# PIPELINE INSPECTION SYSTEM



**ADG**  
gamma - technologies

## CRW 6-18

## CRW 10-72



Specifically designed for  
industrial radiography of  
pipelines.

**Crawlers CRW** are solid and reliable, microprocessor-controlled, can provide the inspection of tubes up to 6" and 18" for the CRW 6-18 model and 10" to 72" for the CRW 10-72 model. The extended working range of environmental temperatures and the waterproof design allows the application of this unit in different climate conditions. Thanks to the independent motors of fore and rear wheels, the unit has an high passing ability; it can overcome those pipeline sections that have steep slopes and minor turn radiuses. Constructed using high grade materials to provide a good finish, superior corrosion resistance, easy maintenance and extended service life. The units are powered by high-efficiency rechargeable sealed lithium batteries. Full remote control of travel, park and exposure modes from outside the pipeline using a single combined handset of «Magnetope» or a low activity isotope.



Pipeline ID Diameter Range	10"-72"
Weight (excluding handle)	78 Kg
Material	Stainless steel
Length (excluding xray tube)	1699 mm
Power Source	Li-Ion Battery (2 times more efficient than lead for an increased workflow)
Battery Capacity	3.5KW – 138V-31Ah
Battery weight	24 kg
Motor Rating	Double 0.7A - 300W motor
Propulsion Distance	9 km
Travel Speed	Up to 20 meters per minute
Wheels	Autocentering rubber wheels
Braking	Dynamic
Maximum Angle of Climb (optimum condition)	≤ 27°
Temperature Range	-30° to 70° on request low temperature versions
Additional Features	"End of pipe sensor kit • Water detection sensor kit • Auto move after X-RAY • Integrated recovery • Customisable "anti runaway Additional lead battery • Magnetic transmitter with different impulse settings Double isotope or electromagnetic command"

Pipeline ID Diameter Range	6"-18"
Weight (excluding xray tube)	26Kg
Material	Stainless steel
Length (excluding xray tube)	1520 mm
Power Source	Pb battery
Battery Capacity	48V-9Ah
Battery weight	10 kg
Propulsion Distance	4km
Travel Speed	Up to 14meters per minute
Position Accuracy	+/- 5 mm
Wheels	Autocentering rubber wheels
Braking	Dynamic
Maximum Angle of Climb (optimum condition)	≤ 27°
Maximum Curve Angle	20°
Temperature Range	-30° to 70° on request low temperature versions
Additional Features	"End of pipe sensor kit • Water detection sensor kit • Auto move after X-RAY • Integrated recovery • Customisable "anti runaway Additional lead battery • Magnetic transmitter with different impulse settings Double isotope or electromagnetic command"