













■ Jackal Monitor



- *speed & area meter*
- *flow meter*
- *batch meter*
- *RPM monitor*
- *surveillance*
- *counter*

The Jackal is a compact & robust monitor that adapts onto almost any machine. It is designed as a multifunctional monitor, capable of many simultaneous tasks.

Here are a few of the many functions possible.

 Area Meter	 Tacho Meter	 Flow Meter
 Batch Meter	 Batch Monitor	 Rate monitor
 Speed Meter	 Counter	 Pressure Monitor
 Depth meter	 Wheel slippage	 Temp Monitor

The Jackal is capable of monitoring multiple functions simultaneously – e.g. In a 4 bin / tank Airseeder application a single Jackal can monitor and display several shafts, bin levels, air pressure and tine / plow depth.

There are a total of 12 inputs available which are combined with a single output for emergency shutdown, batching functions and speed proportional pulse outputs.

The inputs can have both high and low alarm thresholds set which can trigger emergency shutdown systems.

The unit employs a large daylight readable LCD to provide legible characters on the display and enable calibration data to be clear and descriptive.

There are multiple trip counters as well as an overall total allowing the operator to track numerous jobs in a period of work. The Jackal can

be put 'on hold' by the operator or by a suitable signal from the machinery, so that periods of machine operation that should not accumulate as a work total can be excluded from trip totals.

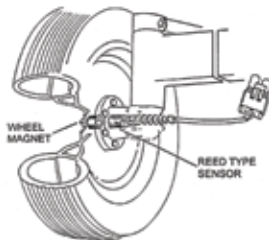
Our onboard calibration wizard makes setup a breeze! It's simplified with the ability to enter either a factor (pulses per unit) or simply drive/run a set amount whilst the unit is counting the pulses and let the system calculate its own factor.

GREAT FEATURES INCLUDE

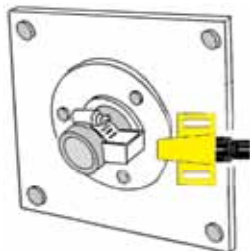
- Easy wizards for fast setup of Area & speed Meter, Area & speed meter with GPS, Tacho Meter, Flowmeter, Slippage Meter & Generic Wizard
- 1UP, 2UP or 3UP line display - Your choice of up to 3 lines per screen (page)
- LIVE data as you scroll through each page
- Ability to short name each port. i.e. label Shaft 1 as SF1
- Set high & low alarm points for EACH input
- Enhanced Trip function for single & cumulative
- The ability for each input used to display information using imperial and metric units.
- Your choice of number of decimal places
- Arrange front page to your liking.... You select what you want to show on each line
- Auto calculate or manually set calibration factors
- External run/hold or alarm function (to external buzzer or visual alarm)
- Quickly enable/disable ports without losing settings for next time usage
- Radar function output



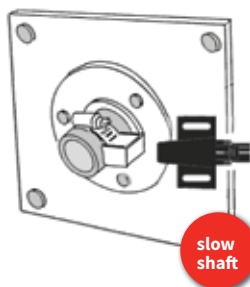
Rear input view & included hardware



Order Code		
Jackal-Area	Jackal Speed & Area Meter Kit	
A-JACKAL	Jackal Monitor	
AA-110C	Compact Reed Sensor (Black)	
AA-133	Mini Wheel Magnet & Nut	
AH-407	Suction Mount Bracket	
AC-105	Jackal Power Cable	
AC-205	Sensor Extension Cable 5m	



Order Code		
Jackal-Tach	Jackal Tachometer (100-9999RPM) Kit	
A-JACKAL	Jackal Monitor	
AA-112C	Compact Coil Sensor (Yellow)	
AA-117	Shaft Magnet - Hose Clamp Style	
AH-407	Suction Mount Bracket	
AC-105	Jackal Power Cable	
AC-205	Sensor Extension cable 5m	



Order Code		
Jackal-Tach-S	Jackal Tachometer - Slow Shaft (1-1500RPM) Kit	
A-JACKAL	Jackal Monitor	
AA-110C	Compact Reed Sensor (Black)	
AA-117	Shaft Magnet - Hose Clamp Style	
AH-407	Suction Mount Bracket	
AC-105	Jackal Power Cable	
AC-205	Sensor Extension cable 5m	

See over the page for more add-ons or build you own kit

Build your own & Add-on Kits



Order Code	EXCLUDES SENSORS	
Jackal	Jackal Kit ONLY	
	A-Jackal	Jackal Monitor
	AH-407	Suction Mount Bracket
	AC-105	Jackal Power Cable
	P-321/P-322	Jackal Input Plug (Grey & Green)
	HM-506	2.4mm Blade Screw Driver



Order Code		
1007P	Wheel Sensor Kit	
	AC-205	2 Way 5m Packard Extn Cable
	AA-133	Wheel magnet & nut
	AA-110C	Compact Reed Type Sensor
	Suits Jackal, 1100, 1550, 2000, 2300, 2400, 24V1	



Order Code		
2009	Tailshaft Sensor Kit	
	AC-205	2 Way 5m Packard Extn Cable
	AA-133	Tailshaft Magnet (AA-106) & Clamp (AH-423)
	AA-110C	Compact Reed Type Sensor
	Suits Jackal, 1100, 1550, 2000, 2300, 2400, 24V1	



Order Code		
2034	Pulley Sensor Kit (100-9999RPM)	
	Only one fast input available on the Jackal	



Order Code		
2060	Bin/Tank level Sensor Kit	
	Detects full or empty, solids or liquids (2200, 3X00 or Jackal ONLY)	
	A-2220P	Bin level sensor
	AH-400	Packard cable bracket
	AC-305	3 Way 5m connection cable



Order Code		
2076	Shaft Sensor Kit (1-1500RPM)	
	AC-205	2 Way 5m Connection Cable
	AH-117	Shaft Magnet & Clamp
	AA-110C	Compact Reed Type Sensor
	Suits Jackal & 2200 Surveillance	



Order Code		
2077	Shaft Sensor Kit (100-9999RPM)	
	AC-205	2 Way 5m Connection Cable
	AH-117	Shaft Magnet & Clamp
	AA-112C	Compact coil sensor
	Suits Jackal & 2200 Surveillance	
	Only one fast input available on the Jackal v1	



Order Code	
AA-119-L	Pressure Sensor Kit (0-20KPA) - LOW PRESSURE
AA-119-H	Pressure Sensor Kit (0-1000KPA) - HIGH PRESSURE
	Suits Jackal, 74V1, 7500
	HM-406 1.5m 6mm Tubing
	HM-408 6mm Connector
	AH-427 Hose Clamp



Order Code	
1501	Solenoid Shutdown Kit
	AH-488 Solenoid Kit (2")
	AC-205 5m Solenoid Power Cable

When filling the tank, the operator can watch the display and shutdown the water manually or preset a required batch volume and use the optional solenoid shutdown kit to automatically stop the flow.



Flow meter options PAGE 26 & 27



Order Code	
2202	Jackal Junction Box (Maximum of 13 Inputs)
	Provides 5m extension cable to weatherproof connection point for 5+ sensor options



Order Code	
T-135	Magnetic Button Style GPS (1hz)
	Can be used in place of wheel sensor when used with a Jackal V2



Order Code	
2010P	Proximity Sensor Kit (3 Wire)
	AC-305 3 Way 5m Packard Extn Cable
	AH-400 Packard cable bracket
	AA-2010P Proximity switch

Windows Desktop simulator also available for the Jackal

Optional Simulator



Order Code	
1001	Sensor Simulator
	Connects in place of Flow/Wheel or Shaft sensor, generates variable pulse rate for stationary testing.

