SAM Speed & Area Meters

A versatile range of instruments to measure and monitor numerous machine functions simultaneously

The RDS ***SAM*** range of speed and area measurement instruments is an easy to use and cost-effective method of collecting fieldwork data for cost analysis relevant to both farmers and contractors.

RDS TECHNOLOGY

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RDS offers three different ***SAM*** variants for measuring and monitoring various machine functions for accurate fieldwork.

Each ***SAM*** instrument displays the selected channel, chosen by scrolling with the central button. Information can be in metric or imperial units and is easily switched between the two at any time. The ***SAM*** instrument can be programmed by the operator for implements of any practical width and for any wheel size.

Each ***SAM*** unit offers various functions as shown opposite. An automatic cutout switch to prevent area accumulation when turning on headlands etc comes as standard on each model. The ***SAM 400*** also offers two programmable forward speed alarm outputs that can be used to control various aspects of machine operation e.g engine cut-off.

A 'transfer kit' is available if a unit is to be used on a number of vehicles; this enables the head unit to be transferred easily between vehicles.

MONITOR FUNCTIONS:	SAM 100	SAM 200	SAM 400
Forward speed channel (mph or kmph):	■	■	■
Partial Area channel (Ha/acres):	□	■	■
Total Area channel (Ha/acres):	■	■	■
Work rate(Ha/hr or acres/hr):	□	■	■
Engine hours:	□	■	■
RPM (optional):	□	■	■
Partial/Total distance (miles/kms):	□	□	■
Automatic cut-out switch:	■	■	■
2 Programmable forward speed alarms:	□	□	■
Optional Width Compensation Interface:	■	□	■
Optional Area Compensation Interface:	■	■	■
Optional vehicle transfer kit:	■	■	■
Optional shaft speed sensor:	□	■	■

TECHNICAL DETAILS:

Voltage:	10 - 30 Vdc
Temperature:	-20 to +40°C operation
	-30 to +70°C storage
Display:	4-digit, illuminated LCD
Protection:	IP67
Shaft speeds:	0 to 9999 RPM
Warranty:	2 years

SYSTEM EXTENSIONS:

RDS ACI - an area compensation interface for accurate area monitoring when connected to a machine's switchbox.

RDS WCI - a width compensation interface for accurate area monitoring when using partial implement width.

Forward speed - radar or GPS signal inputs can be used to give forward speed readings.
An interface is required to convert GPS signal into a radar pulse for the instrument.

DISTRIBUTORS:

RDS Technology Ltd, Cirencester Road,
Minchinhampton, Stroud, Glos, GL6 9BH, UK
T: +44 (0)1453 733300 info@rdstec.com

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