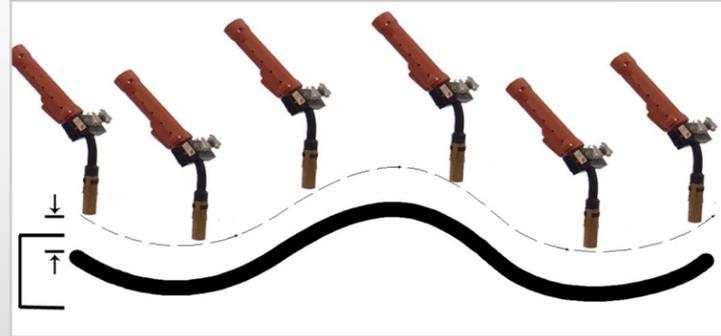


SPECIFICATIONS

1. GK-203-003: Control Box with 25 ft. (9 meters) control cable and 9 ft. (3 meters) power cord
2. GK-203-001: Motorized Vertical Correction Slide with control cable
3. GK-203-002: Remote Control Pendant with 25 ft. (7.62 meters) control cable
4. GK-203-003: Control Box Assembly (A- 42V, B-115V, C-230V)
5. GK-201-125: Head Cable Assembly - 6ft (1.8m)
6. GC-058: Mounting Hardware
7. GK-201-112: Gun Holder Assembly



Welding guns are readily mounted on the linear slide. This equipment is intended to automatically control the torch height throughout the welding process. The longitudinal movement can be obtained from either the work piece traveling while the linear remains stationary, or, by a travel carriage such as the Gullco "KAT"® carriage carrying the E.A.H.S. equipment down the length of the work piece, which is the norm. Combining the welding gun height control with the precision controlled travel speed of the "KAT"® carriage will ensure high quality workmanship can be produced.



The E.A.H.S. works by measuring welding current, comparing it to a target value that has been taught by the operator and automatically adjusting the height of the welding gun to maintain the target welding current.

The Model GK-203-400 is a standalone unit meaning it does not interface with the wire feeder. The arc activation trigger signal of the welding equipment that is used to start/stop the welding process must come from a separate piece of equipment, i.e. customer supplied control or other Gullco equipment. This advanced Electric Arc Height Sensor package uses Gullco's sophisticated, yet easy to use, E.A.H.S. remote pendant control, in conjunction with a 4" linear slide assembly and current sensing control box, to provide precision arc height control during the welding process.

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SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

Distributed by:

GULLCO		
GULLCO INTERNATIONAL LIMITED - CANADA	Phone: 905-953-4140	Fax: 905-953-4138 e-mail: sales@gullco.com
GULLCO INTERNATIONAL INC. - U.S.A	Phone: 440-439-8333	Fax: 440-439-3634 e-mail: ussales@gullco.com
GULLCO INTERNATIONAL (U.K.) LIMITED- EUROPE	Phone: +44 1257-253579	Fax: +44 1257-254629 e-mail: sales@gullco.co.uk
GULLCO INTERNATIONAL PTY LIMITED - AUSTRALIA	Phone: 61 (0)7 3348 5515	Fax: 61 (0)7 3348 5510 e-mail: ausales@gullco.com
GULLCO INTERNATIONAL INDIA PVT LIMITED - INDIA	Phone: 91-20-65260382	Fax: 91-20-26836656 e-mail: india.lo@gullco.com
GULLCO INTERNATIONAL SHANGHAI LIMITED- CHINA	Phone: +8621-50460341	Fax: +8621-50463554 e-mail: gsuntech@sh163.net
GULLCO INTERNATIONAL LIMITED- LATIN AMERICA	Phone: 55-11-3584-7936	e-mail: rogerio.macedo@gullco.com
STUCH GMBH & Co. KG Schweisstechnik - GERMANY	Phone: (02 03) 72 94 95	Fax: (02 03) 72 94 96 e-mail: info@stuch-schweisstechnik.de

E.A.H.S. - ELECTRONIC ARC HEIGHT SENSOR

WWW.GULLCO.COM



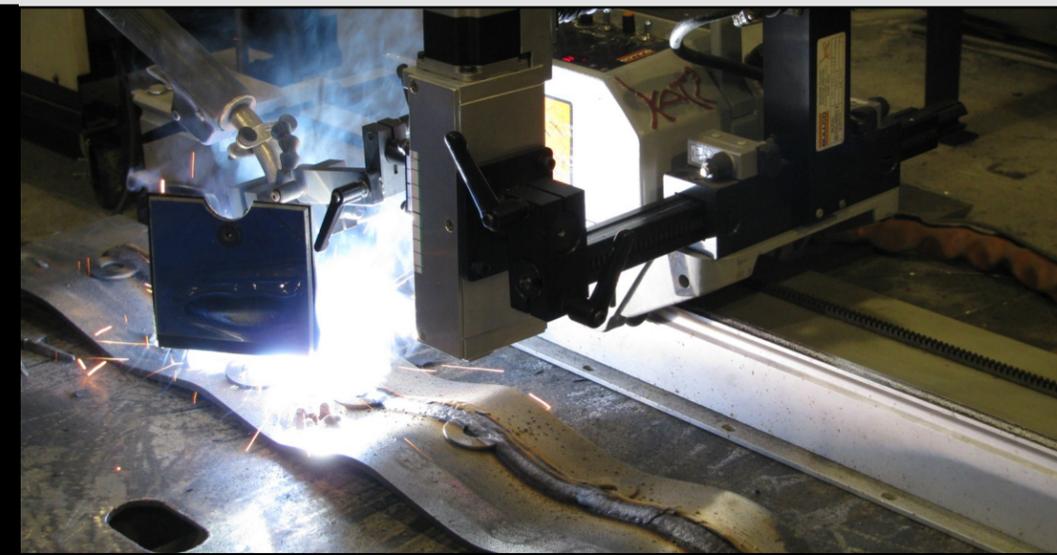
- Lightweight and durable components to reduce operator fatigue.
- The 4" standard slide features engraved top, bottom and center marks for quick slide position reference to aid setup.
- Standard 25 ft. of remote pendant control cable means the current sensor main control box can be kept away from the work area reducing trip hazards; an additional 25 ft. extension is available.
- Easy setup and torch calibration.
- Sensor control box design allows the operator to use their standard existing welding cables.
- Extremely accurate arc detection
- Slide travel speed factory set at 10 IPM (25.4cm/min), programmable range of 3 IPM (7.6cm/min) to 17 IPM (43.2cm/min)
- Easy to use remote pendant interface.
- Coarse and fine slide adjustment.

Generate Accurate and Repetitive High Quality Weld Results

ACCURATE ARC DETECTION AND PRECISE CONTROL OVER THE TORCH HEIGHT



WELDING AND CUTTING AUTOMATION



E.A.H.S. SYSTEM COMPONENTS

The Electronic Arc Height Sensor (E.A.H.S.) from Gullco is an automated welding system used throughout the world to automate and improve the quality and efficiency of the weld produced in automatic mechanized welding operation. This is achieved through minimizing weld defects such as poor penetration, incomplete fusion, overlap and undercut. Also, detrimental factors such as poor or awkward accessibility, operator fatigue, or inconsistent workmanship are eliminated. Required quality levels are consistently attained and productivity and profitability increased.

400 AMP - GK-203-400

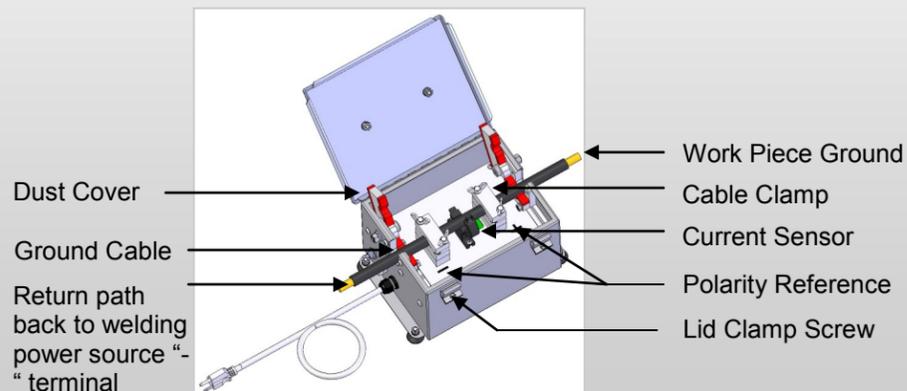


800 AMP - GK-203-800



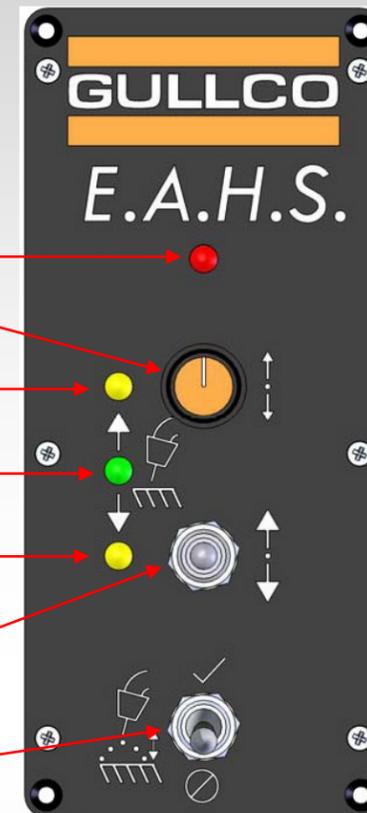
ITEM	PART NO.	DESCRIPTION	QTY.
1	GK-203-001	SLIDE ASSEMBLY	1
2	GK-203-002	E.A.H.S. REMOTE PENDANT	1
3	GK-203-003-A	CONTROL BOX ASSEMBLY 42V INPUT	1
	GK-203-003-B	CONTROL BOX ASSEMBLY 115V INPUT	1
	GK-203-003-C	CONTROL BOX ASSEMBLY 230V INPUT	1
4	GK-201-125	HEAD CABLE ASSEMBLY	1
5	GC-058	MOUNTING HARDWARE	1
6	GK-201-112	GUN HOLDER ASSEMBLY	1

ITEM	PART NO.	DESCRIPTION	QTY.
1	GK-203-007	HEAVY DUTY SLIDE ASSEMBLY	1
2	GK-203-002	E.A.H.S. REMOTE PENDANT	1
3	GK-203-014-A	800 AMP CONTROL BOX ASSEMBLY 42V INPUT	1
	GK-203-014-B	800 AMP CONTROL BOX ASSEMBLY 115V INPUT	1
	GK-203-014-C	800 AMP CONTROL BOX ASSEMBLY 230V INPUT	1
4	GK-201-125	HEAD CABLE ASSEMBLY	1
5	GK-203-093	HD SLIDE MOUNTING HARDWARE	1



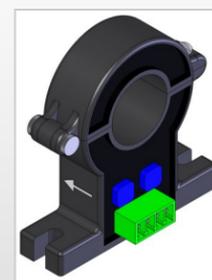
E.A.H.S. Remote Pendant Control

A highly sophisticated, yet easy to use, micro-processor based control drives a high torque, high resolution, low vibration stepper motor located in the linear slide, allowing the height of the welding gun to be precisely controlled. The control interfaces with the linear slide through a removable head cable assembly and with the main control box through a fixed pendant control cable. Controlling the height of the welding torch will allow the quality and appearance of the weld to be perfected.



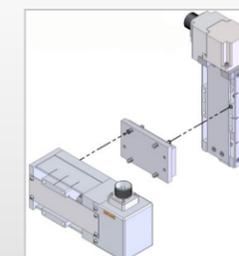
- Power L.E.D. →
- Fine adjustment slide knob →
- Up slide indicator →
- Control status indicator →
- Down slide indicator →
- Coarse adjustment slide toggle switch →
- Manual (Teach) / Auto (Tracking) switch →

E.A.H.S. Unit Accessories



GK-203-070: 500 AMP CURRENT SENSOR

This sensor increases the current sensing range up to 97% of 500 amps (485 amps). It is a direct replacement for the existing 400 amp sensor.



GK-203-086: LINEAR OSCILLATOR TO E.A.H.S. SLIDE ADAPTER

This adapter kit allows the Gullco Linear Oscillator (GK-201-120) to be mounted to the E.A.H.S. slide (GK-203-001). Slides not included.



GK-203-092: REMOTE PENDANT EXTENSION 25 FT

This 25 ft. extension will increase the total length of control cable between the control box and the remote pendant to 50 ft.