

# Model 515 Flow Computer

## Operation Manual

### Application AC01

Additive Controller  
for  
Volumetric Frequency Flowmeters  
& Stroking Dosing Pumps



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17 June 2017

## **Model 515 Flow Computer - Operation Manual**

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The instructions given herein cover the general description, installation, operation and maintenance of the subject equipment. Contrec Limited. reserves the right, without prior notice, to make engineering refinements that may not be reflected in this manual.

Should any questions arise which cannot be answered specifically by this manual, they should be directed to Contrec Limited for further detailed information and technical assistance.

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### **Contrec Limited**

Riverside, Canal Road, Sowerby Bridge,  
West Yorkshire HX6 2AY UNITED KINGDOM  
Tel: +44 1422 829944 Fax: +44 1422 829945  
Email: [sales@contrec.co.uk](mailto:sales@contrec.co.uk)

**Website: [www.contrec.co.uk](http://www.contrec.co.uk)**

### **Contrec Systems Pty Ltd**

5 Norfolk Avenue Ringwood, Melbourne 3134 AUSTRALIA  
Tel: +61 4 413 505 114  
Email: [info@contrec.com.au](mailto:info@contrec.com.au)

### **Contrec - USA, LLC**

916 Belcher Drive Pelham AL 35124 USA  
Tel: +1 (205) 685 3000 Fax: +1 (205) 685 3001  
Email: [contrec@contrec-usa.com](mailto:contrec@contrec-usa.com)



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# Safety Notice

**The information in this safety notice is for the prevention of injury to personnel and damage to the instrument.**

**The manufacturer assumes no liability for injury or damage caused by misuse of the instrument or for modifications made to the instrument.**

## **Qualified Personnel**

The instrument must be installed, operated and serviced by persons who have been properly trained and authorised. Personnel must read and understand this manual prior to installation and operation of the instrument.

## **Static Hazard**

The 500 series flow computer uses high speed CMOS circuitry which is sensitive to static damage. The user should observe accepted safety practices for handling electronic devices, especially during servicing. Once the unit is installed, grounded and interconnected, the chances of static damage are greatly reduced.

## **Voltage Hazard**

Before connecting power to the instrument, ensure that the supply voltage for the AC or DC input is suitable. The AC voltage rating is as stated on the instrument rating plate. Personnel should take all due care to avoid electric shock. For safe operation it is essential to connect a mains safety earth to the A.C. power inlet. Do not operate at altitudes above 2000m.

## **Welding Hazard**

Do not perform electric welding in close proximity to the instrument or its interconnecting cables. If welding in these areas must be performed, disconnect all cables from the instrument. Failure to do so may result in damage to the unit.

## **Moisture Hazard**

To avoid electrical faults and corrosion of the instrument, do not allow moisture to remain in contact with the instrument.

## **Disconnection Device**

When powered from a mains supply this unit requires the provision of a suitable mains isolation device to be accessible near to the installed instrument.

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