

LUDLOW RANGE

Moving Coil / Moving Iron



- L**avish Design; Optimum Visibility
- U**ncompromised Build Quality
- D**urable Construction
- L**arge Range of Scaling/Pointers
- O**ptions on Illumination
- W**ell Proven, Established Product

The LUDLOW range comprises of four instruments each of which has three movement options. These are Moving Coil short scale, Moving Coil long scale and Moving Iron short scale.

Moving Coil instruments are supplied with pivot and jewel movements, Moving Iron with sapphire jewels and bearings together with carbon steel pivots.

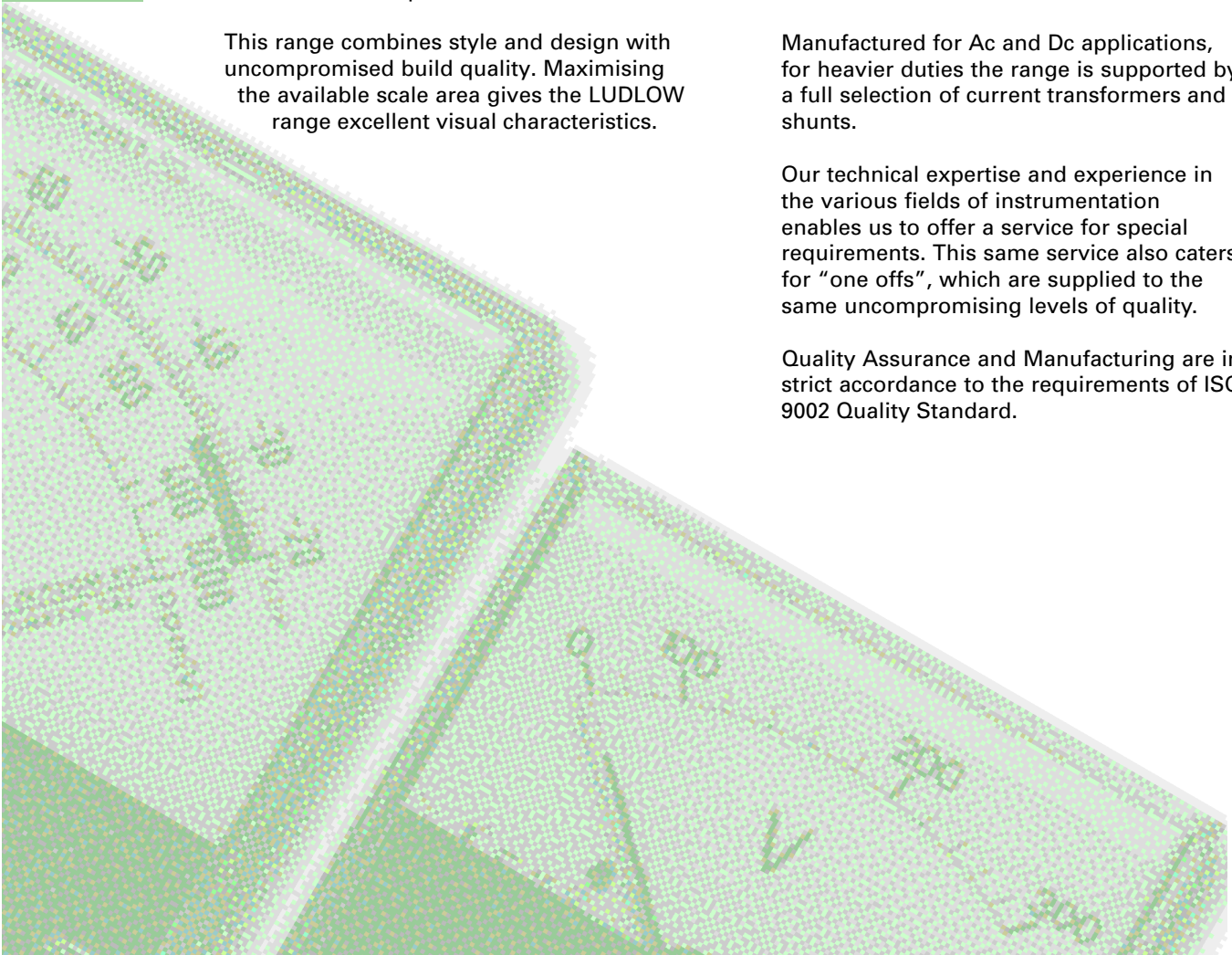
This range combines style and design with uncompromised build quality. Maximising the available scale area gives the LUDLOW range excellent visual characteristics.



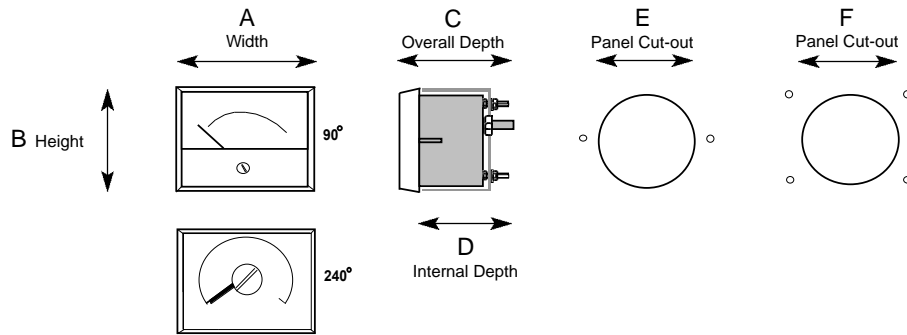
Manufactured for Ac and Dc applications, for heavier duties the range is supported by a full selection of current transformers and shunts.

Our technical expertise and experience in the various fields of instrumentation enables us to offer a service for special requirements. This same service also caters for "one offs", which are supplied to the same uncompromising levels of quality.

Quality Assurance and Manufacturing are in strict accordance to the requirements of ISO 9002 Quality Standard.



LUDLOW RANGE



		A	B	C	D	E	F
163L	90°	71.0	57.5	50.5	38.5	49.2	
164L	90° 240°	82.5	68.0	64.5	51.5		65.0
165L	90° 240°	100.5	81.5	62.5	51.5		65.0
175L	90° 240°	118.5	101.5	64.0	51.5		65.0

all sizes in mm

Movement Details

Moving Coil Pivot & jewel movements instruments are available in 95° and 240° formats.

Standard operating range **Voltmeters** 60mV - 1000V

Ammeters 100uA - 25A (model 163L)

Ammeters 100uA - 50A (models 164L, 165L, 175L)

Ammeters can be used in conjunction with external shunts to achieve higher operating applications.

Frequency 45 - 65Hz (95° only, not 163L)

Class Accuracy $\pm 1.5\%$

Moving Iron 95° instruments utilise sapphire sprung jewel, oil filled bearings, and carbon steel pivots.

Standard operating range **Voltmeters** 10V - 600V

Ammeters 1A - 25A (model 163L)

Ammeters 1A - 60A (models 164L, 165L, 175L)

Ammeters can be used in conjunction with current transformers to achieve higher operating applications.

Class Accuracy $\pm 2.5\%$

Ambient Temperature Range +10°C to +30°C

Overload instruments are also available, standard reading 6:1

Panel fixing:

Standard fixing U clamp (strap)

Stud fixing optional (refer to panel cut-out for details)

Illumination (optional) if required, please specify normal operating conditions. For further information on this range of instruments or if you wish to discuss specific requirements please contact the sales office.

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