

MOVING IRON INSTRUMENTS



Type		IQ 48	IQ 72	IQ 96
Front flange	mm	48 x 48	72 x 72	96 x 96
Housing	mm	45 x 45	67 x 67	91 x 91
Class		2.5	1.5	1.5
Scale length	mm	34	67	103
Frequency range	Hz	15-100	15-100	15-100
Test voltage	V~	4300	4300	4300
Weight	kg	0.10	0.15	0.22

Ammeters

Measuring range	IQ 48	IQ 72	IQ 96
	ΔU ca mV		
250 mA	2000	2000	2000
400 mA	1850	1850	1850
600 mA	1200	1200	1200
1 A	800	800	800
1.5 A	400	400	400
2.5 A	330	330	330
4 A	200	200	200
6 A	130	130	130
10 A	130	130	130
15 A	80	80	80
25 A	55	55	55
40 A	–	30	30
60 A	–	40	40
X/1 A*	550	550	550
X/5 A*	130	130	130

*) For instrument transformer, transformer data to be given.

Scales are manufactured with 20% overrange e. g. C.T. 100/5 A, scale 0-120 A.

Voltmeters

Measuring range	IQ 48	IQ 72	IQ 96
	R_i ca Ω/V		
6 V	4	4	4
10 V	10	10	10
15 V	10	10	10
25 V	20	20	20
40 V	25	25	25
60 V	35	35	35
100 V	40	40	40
150 V	50	50	50
250 V	90	90	90
400 V	150	150	150
500 V	150	150	150
600 V	150	150	150
800 V	–	200	200
X/100 V*	40	40	40
X/110 V*	40	40	40

*) For instrument transformer, transformer data to be given.

Voltmeters scaled for use with following V.T's are normally in stock:

Type	IQ 48	IQ 72	IQ 96
3300/110 V skala 0 – 4 kV			X
4400/110 V skala 0 – 5 kV			X
6600/110 V skala 0 – 7 kV	X	X	X
11000/110 V skala 0 – 12 kV	X	X	X
11000/110 V skala 0 – 15 kV	X	X	X
22000/110 V skala 0 – 25 kV	X	X	X
33000/110 V skala 0 – 40 kV			X
44000/110 V skala 0 – 50 kV			X