

## ZX70E/ZX80E/ZX90E

## SERIES DC DECADE RESISTOR

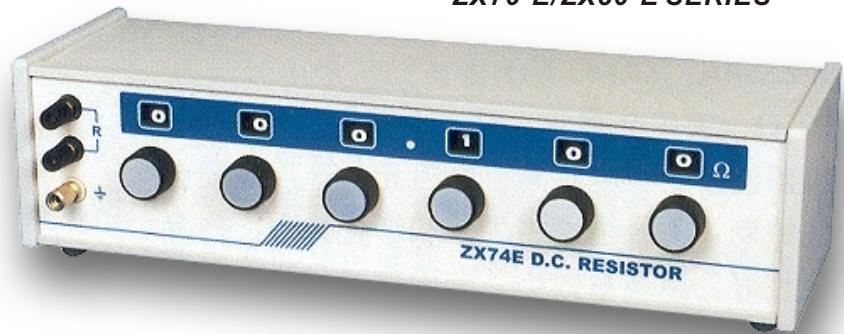
### Features:

- High accuracy and stability;
- Low temperature coefficient;
- Fully sealed precision switch, no need for cleaning;
- Non inductive resistor.

### Applications:

Suitable for industrial, educational, scientific and R&D applications.  
For example: DC resistance bridge calibration, digital DC bridge calibration, RTD simulation, etc.

ZX70-E/ZX80-E SERIES



**HIGH STABILITY AND ACCURACY;  
LOW TEMPERATURE COEFFICIENT**

ZX90-E SERIES



### Technical Data:

Model	No. of Decades	Accuracy (%)	Total Resistance ( $\Omega$ )	Resolution ( $\Omega$ )	Nominal Power(W)	Dimension(mm)	Weight(Kg)
ZX74E	6	0.01	0.100 - 1111.210	0.001	0.1	440x130x120	3.5
ZX75E	6	0.01	0.01 - 11111.11	0.01	0.1	440x130x120	3.5
ZX76E	6	0.01	0 - 111111.0	0.1	0.1	440x130x120	4
ZX77E	6	0.05	0 - 1111110	1	0.1	440x130x120	4.5
ZX83E	6	0.05	0 - 11.11110M	10	0.2W (1 $\Omega$ - 100K $\Omega$ )	440x130x120	4.2
ZX84E	6	0.05	0 - 111.1110M	100	0.1W (>100K $\Omega$ , <700V)	440x130x120	4.5
ZX90E	4	0.1	0.01 - 111.10	0.01	0.1	200x95x94	0.85
ZX91E	4	0.1	0 - 11110	1	0.1	200x95x94	0.85
ZX92E	5	0.1	0 - 1111.10	0.01	0.1	200x95x94	1
ZX93E	5	0.1	0 - 11111.0	0.1	0.1	200x95x94	1
ZX94E	5	0.1	0 - 111110	1	0.1	200x95x94	1.1
ZX95E	6	0.1	0 - 11111.10	0.01	0.1	200x95x94	1.15
ZX96E	6	0.1	0 - 111111.0	0.1	0.1	200x95x94	1.25
ZX97E	6	0.1	0 - 1111110	1	0.1	200x95x94	1.25
ZX98E	7	0.1	0 - 1111111.0	0.01	0.1	200x95x94	1.25
ZX99E	7	0.1	0 - 11111111.0	0.1	0.1	200x95x94	1.25

## Glentest

SHANGHAI GLENTTEST ELECTRONICS CO., LTD.  
TEST INSTRUMENTS SPECIALIST

International Sales:  
Tel: +86 21 65921024 Fax: +86 21 65921514  
Address: 401/3, No. 385 Guanglingsi Road, Shanghai 200082, China

Model	Accuracy (%)										
	10 x 10 <sup>7</sup> $\Omega$	10 x 10 <sup>8</sup> $\Omega$	10 x 10 <sup>9</sup> $\Omega$	10 x 10 <sup>4</sup> $\Omega$	10 x 10 <sup>3</sup> $\Omega$	10 x 10 <sup>2</sup> $\Omega$	10 x 10 $\Omega$	10 x 1 $\Omega$	10 x 10 <sup>-1</sup> $\Omega$	10 x 10 <sup>-2</sup> $\Omega$	10 x 10 <sup>-3</sup> $\Omega$
ZX74E	-	-	-	-	-	0.01	0.01	0.05	0.5	2	5
ZX75E	-	-	-	-	0.01	0.01	0.02	0.05	0.5	5	-
ZX76E	-	-	-	0.01	0.01	0.01	0.02	0.1	1	-	-
ZX77E	-	-	0.05	0.05	0.05	0.05	0.1	1	-	-	-
ZX83E	-	0.05	0.05	0.05	0.05	0.05	0.05	-	-	-	-
ZX84E	0.1	0.05	0.05	0.05	0.05	0.05	-	-	-	-	-
ZX90E	-	-	-	-	-	-	0.1	0.5	2	5	-
ZX91E	-	-	-	-	0.1	0.1	0.1	0.5	-	-	-
ZX92E	-	-	-	-	-	0.1	0.1	0.5	2	5	-
ZX93E	-	-	-	-	0.1	0.1	0.1	0.5	2	-	-
ZX94E	-	-	-	0.1	0.1	0.1	0.1	0.5	-	-	-
ZX95E	-	-	-	-	0.1	0.1	0.1	0.5	2	5	-
ZX96E	-	-	-	0.1	0.1	0.1	0.1	0.2	2	-	-
ZX97E	-	-	0.2	0.1	0.1	0.1	0.1	0.5	-	-	-
ZX98E	-	-	-	0.1	0.1	0.1	0.1	0.5	2	5	-
ZX99E	-	-	0.2	0.1	0.1	0.1	0.1	0.5	2	-	-

Notes: 1) Above listed accuracies are under reference conditions: ambient temperature 20°C ± 1°C, relative humidity 40% - 60%, and reference power 0.05W  
2) Standard operation conditions: ambient temperature 20°C ± 10°C, relative humidity 25% - 75%  
3) Reference power: 0.05W / Nominal power: 0.1W / Max. power: 0.2W (not exceeding 2 hours)  
4) Insulation resistance between circuit and metal case: > 500M $\Omega$  (under reference conditions); withstand voltage: 2000VAC/45Hz - 65Hz for 1 minute