

**PART  
TEN**

**VOLTAGE DIVIDER**

**10**

**Introduction**

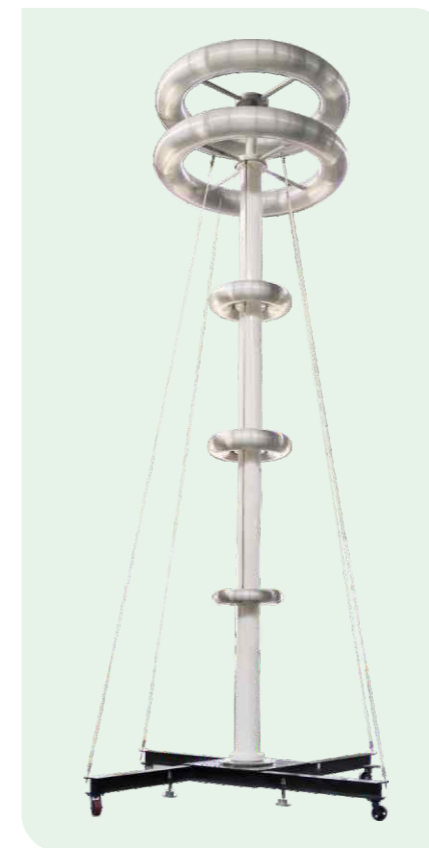
Voltage divider has the below kinds:

1. Impulse voltage divider for measurement of LI, SI and LIC from 100kV to 3600kV (Capacitance 300~1000pF, Measuring accuracy:  $\pm 3\%$ );
2. Capacitive voltage divider for AC measurement from 50kV to 2000kV (Measuring accuracy:  $\pm 1\%$ );
3. Resistive voltage divider for DC measurement from 20kV to 2400kV (Measuring accuracy:  $\pm 1\%$ );
4. AC, DC or Impulse measurement;

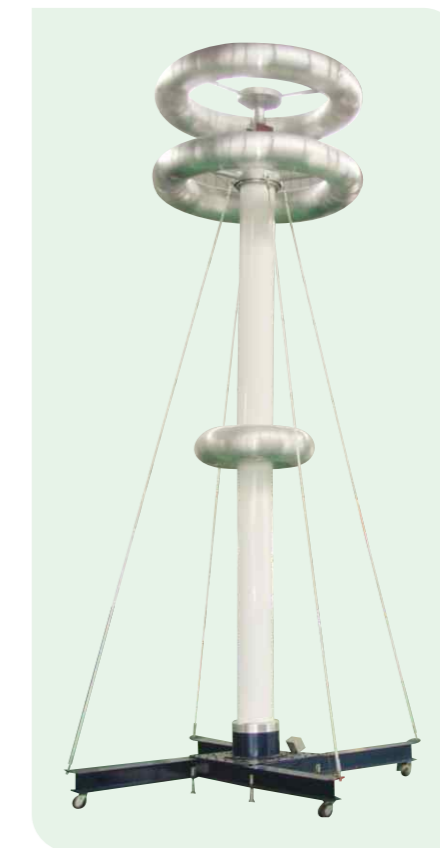
**Technical Parameters**

Impulse Voltage Divider			
Model No.	Rated Voltage L.I. 1.2/50 $\mu$ s kV	Rated Voltage S.I. 250/2500 $\mu$ s kV	Rated Capacitance pF
SXVD-400/300	300	240	300~600
SXVD-400/400	400	320	
SXVD-400/600	600	480	
SXVD-300/800	800	640	
SXVD-300/1200	1200	960	
SXVD-300/1600	1600	1280	300~1000
SXVD-300/2400	2400	1920	
SXVD-400/3000	3000	2400	
SXVD-400/3600	3600	2880	

Universal Voltage Divider					
Model No.	Rated AC Voltage	Rated DC Voltage	Rated Voltage S.I. 250/2500 $\mu$ s	Rated Capacitance	Rated Resistance
	(kV)	(kV)	(kV)	(pF)	(M $\Omega$ )
JXBF-550	550	700	1200	400	500
JXBF-400/400	550	/	650	150	80
JXBF-363	363	465	950	400	400
JXBF-252	252	350	550	400	500
JXBF-40.5/300	40.5	60	100	300	40
JXBF-40.5/75	40.5	/	75	70	5



**2000kV 8nF LI & SI Loading Capacitor**



**700kV Capacitive Voltage Divider**



**2kV Resistive Voltage Divider**



**350kV DC & 250kV AC Divider**