



DT-9020 / 9021 / 9030



1	.....	1
1.1	.....	1
1.2	.....	1
1.3	.....	2
2.	.....	2
3.	.....	3
3.1	.....	3
3.2	.....	3
4.	.....	3
5.	.....	4
5.1	.....	4
5.2.	.....	4
6.	.....	7
6.1	.....	7
6.2	.....	7
6.3.	.....	7
6.4.	.....	7
6.5	.....	7
6.6	.....	8
6.7	/ p-n .....	8
6.8	.....	9
6.9	.....	9
6.10.	.....	9
6.11.	.....	11
7.	.....	11
7.1	.....	11
7.2.	.....	11
8.	.....	11
8.1	.....	11
8.2	.....	11

1  
1.1.







1.2

- 
- 
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690 .

1.2.1

1.2.1

	120 (60 ) 50 (25 )
	
	
	690 .
	( ,
	

	
	<85%. -10° + 55°
	

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### 1.3

#### 1.3.1

#### 1.3.1

	Warning! ( )
	Caution ( ).
	

### 2

DT-9030 / 20 /21

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### 3

#### 3.1

#### 3.1.1

#### 3.1.1

	DT-9020	DT-9021	DT-9030
		-10° ~55°	
		-20° ~60°	
		85%	
		240×78×40	
		237	
		2	

3.2

3.2.1

3.2.1

	DT-9030	DT-9021	DT-9020
	6,12,24,50,120,230,400 , 690	12,24,36,50,120,230,400, 690	12,24,36,50,120,230,400, 690
	•	•	•
DC	•	•	•
	1	±12,24,36,50,120,230, 400,690	±12,24,36,50,120,230, 400,690
	±(1% ±3 . . . )	-30% ...0%	-30% ...0%
400 . . . . . :	≤ 1,0		
690 . . . . . :	≤ 1,5		
	•	•	•
	2~3	<0,1 .	<0,1 .
	50/60	<0,1 .	<0,1 .
		•	•
		2,1 690	2,1 690
		1 <0,2 / 3,5	1 <0,2 / 3,5
		30	30
		10	10
( 9030)	4,5	4,5	4,5
	<6	<200	≤400
	12~230	6...690	12...690
	5 <250	5 <230 3 < 400 690	5 <230 3 < 400 690
	3 <400 . /690		400 / 690 <5
	100...400 .	100-690 .	
	50/60	50/60	
	<200	<400	
	<1μ	5μ	
	400 , 690 .	400 , 690 .	
	100...400	100...690	
	50/60	50/60	

4

4

	1	
	2	Micro 9020 9021/9030.
	1	
	1	

5

5.1

DT-9021/ 9020/9030

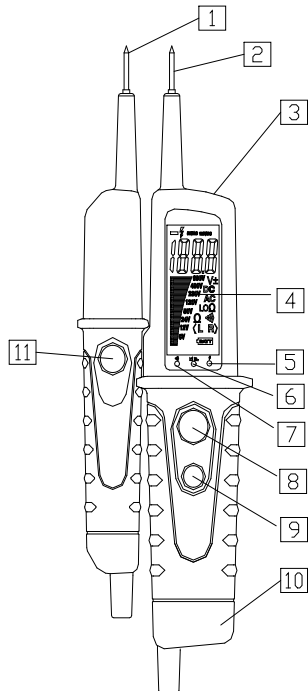
5.1.1  
5.1.1

		<b>DT-9021/20</b>
L1		
L2		
V		
DC		
AC		
LOW IMP.		
MAX 250V		250
L		
R		
~		
+		+
-		
		( DT-9021)
		<b>DT-9030</b>
LOW IMP.		
		100 690 ~ 50/60
		<b>DT-9030</b>
V		
DC		
		100 690 ~ 50/60

5.2

DT-9030

5.2.1 ( 5.2.1)



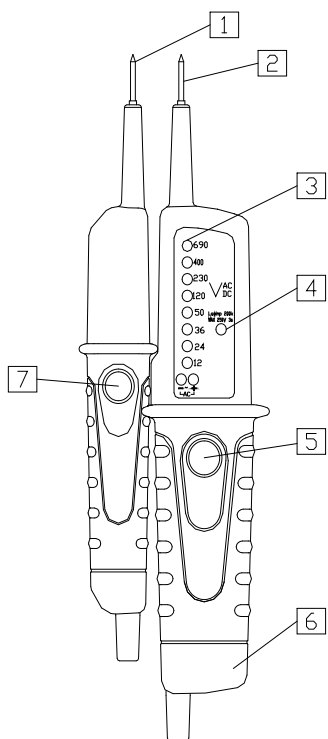
.5.2.1  
DT-  
9030

1		
2		
3		
4		• • • •
5		
6		
7		
8	(L2)	
9		/
10		
11	(L1)	

( .5.2.2)

9020

5.2.2

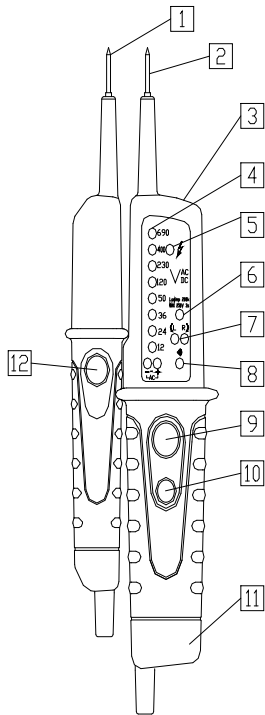


.5.2.2  
9020

1		
2		
3		
4		
5	(L2)	
6		
7	(L1)	

DT-9021

5.2.3



.5.2.3  
DT-9021

5.2.3

1		
2		
3		
4		
5		
6		
7		
8		
9	(L2)	
10	/	
11		
12	(L21)	

6  
6.1

**DT-9021/9020**

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- 
- 
- 
- 
- 

( 8 .5.2.3) ( 1 2 . 5.2.3).

10 30

(L PE)

( 5 ). L N

6.2

**DT-9020/9021**

- 
- 
- 
- 
- 
- 
- 
- 

6 ,

«+» «-»

« • )) » «-»

: ± 12,24,36,50,120,230,400

690

0 -/+ 4,5

6.3

- 
- 
- 
- 
- 
- 

6

: ±12,24,36,50,120,230,400 /

690

(+).

0 -/+4,5

6.4

**DT-9020/21**

- 
- 
- 
- 
- 

: ±12,24,36,50,120,230, 400 / , 690

6.5

**DT-9021**

- 
- 
- 
- 
- 
- 

) 100 ( > 100

)

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DT-9030



: Данный фазовый тестер служит только для экспресс испытания.

«L2» с  
( )

( . .).

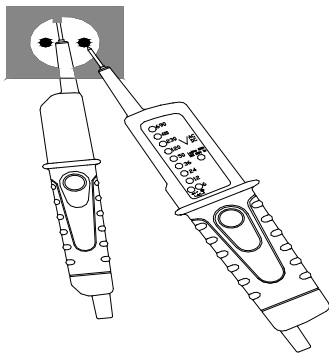
6.6

DT-9020/9021

10

30

L PE ( . .6.6.1)



.6.6.1

L PE

L N

5

6.7

/ p-n

p-n

9021

•)))

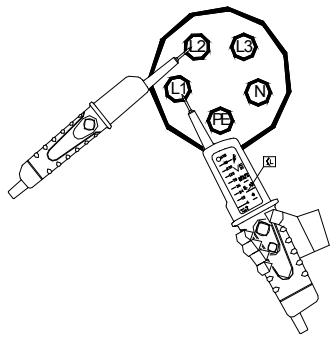
DT-9030

- 2- , , « ».
- 400 .

6.8

**DT-9021**

- «R» «L»
- 2 L2
- L1.
- «R» - L2. L1 - L1, L2 -



. 6.8.1

- «L» , L1. L1 - L2, L2 -
- 

**DT-9030**

- 2 ( 1 2 .5.2.1) L2.
- (L= , R= .) ( D)

6.9

**DT-9030/9021**

- DT-9021 ( 3, .5.2.3).
- DT-9030 ( 3, .5.2.3).
- 15

6.10

**DT - 9030**

- 2


• 4,5  
• 4,5  
• ( )  
• «-»  
• 1

6.11

DT-9030

•  
• (FI RCI). (L1) (PE)  
• 12  
• 2  
• 2 ( 5 9, .5.2.3).  
•  
•  
7

7.1 ( 9021/9030)

• /  
• /  


7.2

•  
•  
•  
• 5

8

8.1 ( )  
« »  
( )  
).  
8.2 - 12