UM-SJTU Physics Laboratory Vp241
Data Sheet (Exercise 2)

Name: _____   Student ID: _____

Name: _____   Student ID: _____

Group: _____   Date: _____

NOTICE. Please remember to show the data sheet to your instructor before leaving the laboratory. The data sheet will not be accepted if the data are recorded with a pencil or modified with a correction fluid/tape. If a mistake is made in recording a datum item, cancel the wrong value by drawing a fine line through it, record the correct value legibly, and ask your instructor to confirm the correction. Please remember to take a record of the precision of the instruments used.

You are required to hand in the original data with your lab report, so please keep the data sheet properly.

U_S [__] ± ____ [__]	$U_0(I_M = 0)$ [__] ± ____ [__]	$U(I_M = 250$ mA) [__] ± ____ [__]

Table 1. Data for U_0 and U with $U_S = 5$ V.

	U_S [__] ± ____ [__]	U_0 [__] ± ____ [__]	U [__] ± ____ [__]
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Table 2. Data for U_0 and U with different U_S.

Instructor's signature: _____

	I_{M} [___] ± ___ [___]	U [___] ± ___ [___]
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

Table 3. Measurement data for the I_M vs. U relation.

Instructor's signature: _____

	x [__] ± ___ [__]	U [__] ± ___ [__]		x [__] ± ___ [__]	U [__] ± ___ [__]
1			27		
2			28		
3			29		
4			30		
5			31		
6			32		
7			33		
8			34		
9			35		
10			36		
11			37		
12			38		
13			39		
14			40		
15			41		
16			42		
17			43		
18			44		
19			45		
20			46		
21			47		
22			48		
23			49		
24			50		
25			51		
26			52		

Table 4. Data for the U vs. x relation.

Instructor's signature: _____