· · · · · · · · · · · · · · · · · · ·		Measuring interface:						
Operating Manual		Zero	Fe ero point calibration: efore measuring, it is necessary to make zero point calibration. The steps in detail shows as					
		follo 1. 2. 3. 4.	ow: Take out the substrate in the standard delivery. Make a measuring on the substrate, it will display on screen <××μm>. Press ZERO key Repeat this step until LCD shows <0>. The calibration process accomplishes					
			2					
This instrument is mainly used in coating thickness measurement in automobile industry.		Five	ve points calibration:					
There are 2 measuring ways:		1.						
1) F probe (Ferrous). It re		2.						
Coating: Non-magnetic materials such as gold, copper, zinc, lead, resin, rubber, glass and so		3.	•					
on.		4.	4. Then take the foil with the smallest value in the standard delivery, put it on t					
 Base: Magnetic materials such as iron, steel, cobalt and nickel. 2) N probe (Non-ferrous). It requires: 			substrate, make test until it shows the same value with the foil by press Up or Down key. Meanwhile, press up and down key to confirm.					
 N probe (Non-ferrous). It requires: Coating: Non-conductors such as painting, synthetic, resin, rubber glass and so on. 		 Repeat this step to the other 4 foils. 						
Base: Non-magnetic materials.		6.	After testing 5 foils, users shall make test on the substrate again. The instrumen					
Instruction of each part:			powers off automatically, which means calibration step is correct and accomplished.					
49.6 JAR DCT-200	POWER – Switch the gauge ON/OFF MENU – Setting data / Entry menu UP Adjust menu DOWN- Adjust menu ZERO – Zero point calibration / Esc menu BACKLIGHT—Turn backlight ON/OFF		3					

Power on or off		Technical data:					
Power on: Press power key for one second and the instrument turns on automatically.		Type of instrum	ent	F400	F1 F1	/90 ° F	F10
	ower key again and the instrument turns off automatically.	Measuring Princ		Magnetic method			
Right test steps:			lible				
1. Power one the instrument		Measuring range(µm)		0~400 0~1250		0~:	10000
 Make zero calibration on the substrate in the standard delivery For event measuring, place test the five calibration foils in the standard delivery and 		Min resolution(<u>ս</u> m)	1			
 For exact measuring, please test the five calibration foils in the standard delivery and make sure whether the accuracy is correct in full measuring range. 		Tolerance(µm)	One-point calibration	±(2%H+0.7)	±(2%H+1)) ±(2%	±(2%H+10)
Begin testing.							
Menu setting:			Two-point calibration	±(1%H+0.7)	±(1%H+1)) ±(1%	6H+10)
1. System setup		Minimum radius	s of curvature	1	1.5	flat	10
1.1 Measure mode: Single measuring: one measurement is performed at once.							
	Continuous measuring: several measurements are performed at once.		uring area(mm)	Φ3	Φ7 Φ40		240
1.2 Lime setting:	Upper value setting	Minimum thickness of base 0.2 0.5					2
	Lower value setting	Notice: H——Measured Value					
1.3 Statistics:	On						
	Off						6
2 Mamany	4						
 Memory Memory unit: 	Direct, F1, F2, F3, F4 and F5. There are 100 data for each file For Direct, if there is more than 100 data, the 101 th data replaces the 1 st data For F1 to F5, if it is full, the new test result is not stored anymore Choose the file that user wants to delete Press "Delete all" to delete all test data Install Driver and Software Set Memory unit Press "Data transfer" to upload data to PC StatisticsCheck testing times, Average, Max. and Min. value Measurement—Test result stored in the main unit	Type of instrument		N400	N1	N3	;
2.2 Delete a file: 2.3 Delete all: 2.4 Data transfer:		Measuring Princ	ciple	Eddy current method			
		Measuring rang	e(µm)	0~400 0~1250 0		0~30	000
		Min resolution(um)	1			
		Tolerance(µm)	One-point calibration	±(2%H+0.7)	±(2%H+1.5) ±(2%H	1+3)
			Two-point calibration	±(1%H+0.7)	±(1%H+1.5) ±(1%H	I+3)
		Minimum radius of curvature		1.5	3	4	
3. View:		Minimum measuring area(mm)		Ф4	Ф5	Φ7	,
4. Function:	Unit—um or miles	Minimum t	hickness of base	0.3	0.3	1	
	Default—Press "Default", the gauge recovers the default parameter	Notice: H——Measured Value					
	_						7
	5						•