

NT 800-1



Value	Tol. +	Tol. -	Offset
120.00 Ohm	10.0 %	10.0 %	
1,00 kOhm	10.0 %		
1,00 MOhm	10.0 %		
Vf	Tol. +		
Vz	Tol. +		
5,10 V	10.0 %	10.0 %	

 **1500 VDC**
 **1060 VAC**
 **2 ADC**

	TP 1	TP 2
Varistor		
R_4	47	48
Surge Arrestor	TP 1	TP 2

Project: Harness PC 21
Serial Number: SN83029632
Test Time: 28,5 s
Test Status: Ready to test
Result: Good
Statistics: Total: 12, Pass: 12 (100.00%), Fail: 0 (0.00%)

NT 800-1 – flexible tester for aerospace vehicles

System design:

- ▶ Distributed test systems consist of a base unit (control unit and measurement electronics) and TPUs (Test Point Units), which contain the test points. The remote controlled TPUs can be arranged as satellites around the UUT.
- ▶ High modularity in hardware and software
- ▶ Later test point expansion on „plug and play“ principle
- ▶ Large variety of application specific test point interfaces

System benefit:

- ▶ Reduction of serial production costs
- ▶ High degree of automation in test program generation
- ▶ Verifiable coverage of the relevant standards, e.g. DIN EN 2283
- ▶ Reduction of the adapter cable lengths up to 70 %

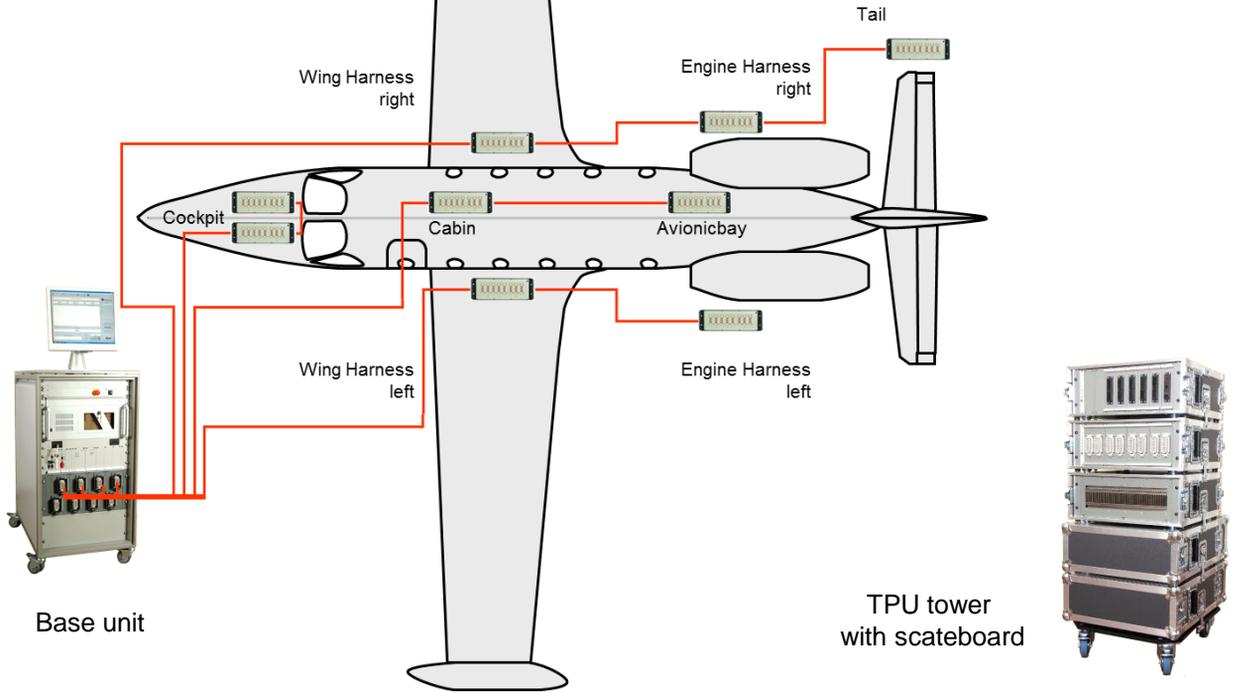
Usage especially for the test of extra large scale UUTs

- ▶ Pre- and final-assembly of aerospace vehicles like airplanes, helicopters and satellites
- ▶ Supplying industry of components like fuselage parts, wings, tail planes, galleys and their (sub-) cable harnesses etc.
- ▶ Flexible usage inside the test facility; centralized and decentralized arrangement of TPUs possible

Ensuring of your product quality by high system availability

The high reliability of the adaptronic test systems, our quick response service and more than 30 years of experience make a convincing contribution to the quality assurance of your products.

NT 800-1 System Overview (Example)



Basis units	integrative	expandable	maximal	combinable
				
Type	9 RU	20 RU	25 RU	43 RU
Particular feature	Under table installation	Movable cabinet	Movable cabinet	Movable cabinet

TPU types	minimal	optimized	universal	concentrated	maximal
					
Type	LRU	TPU8/6	TPU 16/4	TPU 32/8	TPU 192/43
Max. test voltage	1300 VDC / 750 VAC	1300 VDC / 750 VAC	1500 VDC / 1060 VAC	1500 VDC / 1060 VAC	1500 VDC / 1060 VAC
Max.no. of test points	128 (max. 1,024)	1,024	1,024	2 x 1,024	12 x 1,024

