



KTL

Korea Testing Laboratory

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시험 성적서

제 454 - 252 호
(접수일자: 2002. 10. 07)

회사명 : (주) 영택

주소 : 경기도 김포시 품무동 662-8

대표자 : 이현건

1. 시험품명 : 공압식 포지셔너
2. 형식/규격 : YT-1200.... (3~15psi)
3. 수량 : 1
4. 제조회사 : (주) 영택
5. 시험기준 : KSC 0904(1995) & IEC 529 2nd edition(1989)
6. 시험결과 : IP 66 (TEST REPORT 참조 : R454-252/10-OCT-2002)
7. 시험조건 : 21.5°C, RH65%
8. 참고사항 : 없음.

위는 본원에서 발급한 시험성적서임을 증명함.

2002년 10월 11일

산업기술시험원장



본 성적서는 의뢰자가 본원에 제출한 시험품에 국한된 시험결과이며, 본원의 서면 승인없이 일부만 복사하여 사용할 수 없음.

TEST REPORT

for Degree of protection provided by enclosures (IP Code)

[No. R454-252/10-OCT-2002]



KOREA TESTING LABORATORY

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TEST REPORT

for Degree of protection provided by enclosures(IP Code)

★ REPORT NUMBER : **R454-252/10-OCT-2002**

☆ STANDARD :

1. KSC 0904 (1995)

2. IEC 529 2nd edition (1989)

☆ PRODUCT NAME : Pneumatic Positioner

☆ MODEL/TYPE DESIGNATION : YT-1200.... (3~15 psi)

☆ IDENTICAL(EXTENSION) MODEL : N/A

☆ APPLICANT : YOUNG TECH CO., LTD.

☆ MANUFACTURED by : YOUNG TECH CO., LTD.

1. General requirements for tests

1, ATMOSPHERIC CONDITIONS FOR WATER OR DUST TESTS

1.1 Temperature range : 15 °C to 35 °C → 21.5 °C

1.2 Relative humidity : 25 % to 75 % → 65 %

1.3 Air pressure : 86 kPa to 106 kPa → Good

2. TEST SAMPLE

2.1 The number of samples : 1EA

2.2 Conditions for mounting, assembling and positioning of the samples : N/A

2.3 The pre-conditioning : N/A

2.4 Whether to be tested energized or not : NOT

2.5 Whether to be tested with its parts in motion or not : NOT

Characteristic numerals	Test Method & Record	Results
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2. Tests for protection against solid foreign objects indicated by the first characteristic numeral

★ First Characteristic numerals : 6	1. CONDITIONS	PASS
	1.1 Talcum powder(mesh) : <u>Wire diameter=50μm, width between wires=75μm</u>	
	1.2 Amount of talcum powder of the test chamber : <u>2kg per cubic meter</u>	
	2. TEST	
	2.1 Volume of the enclosures : <u>about 480 cm³</u>	
	2.2 Reduction air pressure : <u>- 20 mbar (- 200mmH₂O)</u>	
	2.3 Flow rate : <u>0.00 LPM</u>	
	2.4 Extraction rate per hour : <u>0.00 volumes/h</u>	
	2.5 Test duration : <u>2 hours</u>	

3. Tests for protection against water indicated by the second characteristic numeral

★ Second Characteristic numerals : 6	1. CONDITIONS	PASS
	1.1 Internal diameter of the nozzle : <u>12.5mm</u>	
	1.2 Delivery rate : <u>100 LPM \pm 5%</u>	
	1.3 Core of the substantial stream : <u>circle of 120mm diameter at 2.5m distance from nozzle</u>	
	1.4 Distance from nozzle to enclosure surface : <u>between 2.5m & 3m</u>	
	2. TEST	
	2.1 The duration of the test is : <u>3 min</u>	

☆ Checked by Chang-Ho, Kim : Signature Chang-Ho Kim

☆ Date (DD-MM-YY) : 10-OCT-2002