

상 세 규 격 서

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14	Optical Post Holder Pack, Slotted-Base, 1.0 in. Height, 0.5 in. Posts, Qty 10	ea	1	
15	Optical Post Holder Pack, Slotted-Base, 2 in. Height, 0.5 in. Posts, Qty 10	ea	4	
16	Optical Post Holder Pack, Slotted-Base, 3 in. Height, 0.5 in. Posts, Qty 10	ea	4	
17	Tool Set, Ball driver Allen Wrench, 10 Ball Drivers and Aluminum Holder	ea	1	
18	Thread Adaptor, M4 Male to M2 Female, pack of 10	ea	1	
19	Thread Adaptor, 8-32 Male to M4 Male, pack of 10	ea	1	
20	Thread Adaptor, M6 Male to 1/4-20 Male, pack of 10	ea	1	
21	Thread Adaptor, 8-32 Male to M6 Male, pack of 10	ea	1	
22	Black Oxide Screw Kit, Set Screws, 1/4-20 x 0.75 inch, Qty 100	ea	1	

16상 세 내 역

1. 구성

1. Vernier Micrometer, 25 mm Travel, 23 lb. Load Capacity, 50.8 TPI
2. Manual Linear Stage, 16 mm Travel, Ball Bearings, M3 and M6 Threads
3. Adaptor Plate, 25x25 or 40x40 mm Stage to Optical Table or 65x65 mm Stage
4. Linear Stage, Single-Row Ball Bearing, 40 mm Travel, M5 and M6
5. Micrometer Head, Standard Resolution, 40 mm Travel, 100 lb. Load
6. Base Plate, Used with UMR12 Series, MVN120 & UTR120 Series
7. Beamsplitter Cube, Non-Polarizing, 25.4 mm, 400-700 nm Broadband
8. Beamsplitter Cube, Non-Polarizing, 50.8 mm, 400-700 nm Broadband
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13. Optical Post Pack, 50.8 mm Height, 12.7 mm Diameter, M4 and M6, Qty 10
14. Optical Post Holder Pack, Slotted-Base, 1.0 in. Height, 0.5 in. Posts, Qty 10

15. Optical Post Holder Pack, Slotted-Base, 2 in. Height, 0.5 in. Posts, Qty 10
16. Optical Post Holder Pack, Slotted-Base, 3 in. Height, 0.5 in. Posts, Qty 10
17. Tool Set, Ball driver Allen Wrench, 10 Ball Drivers and Aluminum Holder
18. Thread Adaptor, M4 Male to M2 Female , pack of 10
19. Thread Adaptor, 8-32 Male to M4 Male, pack of 10
20. Thread Adaptor, M6 Male to 1/4-20 Male, pack of 10
21. Thread Adaptor, 8-32 Male to M6 Male, pack of 10
22. Black Oxide Screw Kit, Set Screws, 1/4-20 x 0.75 inch, Qty 100

2. 규격

1. Vernier Micrometer, 25 mm Travel, 23 lb. Load Capacity, 50.8 TPI



- Type : Vernier Micrometer
- Travel Range : 25.0 mm
- Adjustment Screw Thread : 50.8 TPI
- Drive Type : Knob
- Graduations : 10 μm
- Vernier : 1 μm
- Sensitivity : 1.0 μm
- Drive Screw Pitch 0.5 mm
- Mounting 9.5 mm Shank

2. Manual Linear Stage, 16 mm Travel, Ball Bearings, M3 and M6 Threads



- Axes of Travel : X
- Maximum Stage Travel : 16 mm
- Sensitivity : 1 μm
- Angular Deviation : Pitch: $<200 \mu\text{rad}$ & Yaw: $<150 \mu\text{rad}$
- Material : Stainless Steel
- Bearings : Single-Row Ball Bearings
- Drive Location : Side drive
- Platform Size : 40 x 40 mm
- Height : 13 mm
- Thread Type : M3 and M6

3. Adaptor Plate, 25x25 or 40x40 mm Stage to Optical Table or 65x65 mm Stage



- Type : Slotted Adaptor Plate
- Height : 10 mm
- Dimensions : 40 x 65 mm
- Thread Type : M2, M3 & M6
- Use : 40 x 40 mm Stages
- Translation Range : 28 mm

4. Linear Stage, Single-Row Ball Bearing, 40 mm Travel, M5 and M6



- Axes of Travel : X
- Maximum Stage Travel : 40 mm
- Platform Size : 120 x 142.5 mm
- Height : 26 mm
- Thread Type : M5 and M6

5. Micrometer Head, Standard Resolution, 40 mm Travel, 100 lb. Load



- Type : Micrometer
- Travel Range : 40.0 mm
- Drive Type : Knob
- Graduations : 10 μm
- Sensitivity : 1.0 μm
- Mounting Threads : M18x1.0

6. Base Plate, Used with UMR12 Series, MVN120 & UTR120 Series



- Type : Base Plate
- Material : Steel
- Use : UMR, UTR, MVN Stages

7. Beamsplitter Cube, Non-Polarizing, 25.4 mm, 400–700 nm Broadband



- Wavelength Range : 400–700 nm
- Size : 25.4 x 25.4 x 25.4 mm

- Shape : Cube
- Material : Grade A N-BK7
- Coating Type : Broadband metal-dielectric non-polarizing
- Coating Code : MB.1
- Antireflection Coating : Multilayer broadband dielectric
- Angle of Incidence : $0^\circ \pm 5^\circ$
- Reflection : $R_s, p = 45 \pm 5\%$ average, $35\% \leq R_s, p \leq 55\%$
- Transmission : $T_s, p = 45 \pm 5\%$ average, $35\% \leq T_s, p \leq 55\%$

8. Beamsplitter Cube, Non-Polarizing, 50.8 mm, 400-700 nm Broadband



- Wavelength Range : 400-700 nm
- Size : 50.8 x 50.8 x 50.8 mm
- Shape : Cube
- Material : Grade A N-BK7
- Coating Type : Broadband metal-dielectric non-polarizing
- Coating Code : MB.1
- Antireflection Coating : Multilayer broadband dielectric
- Angle of Incidence : $0^\circ \pm 5^\circ$
- Reflection : $R_s, p = 45 \pm 5\%$ average, $35\% \leq R_s, p \leq 55\%$
- Transmission : $T_s, p = 45 \pm 5\%$ average, $35\% \leq T_s, p \leq 55\%$

9. Cube Beamsplitter, Polarizing, 25.4 mm, 420–680 nm



- Wavelength Range : 420–680 nm
- Size : 25.4 x 25.4 x 25.4 mm
- Shape : Cube
- Material : SF 2, NBSK grade
- Coating Type : Broadband polarizing
- Coating Code : PB.3
- Antireflection Coating : Multilayer broadband dielectric
- Angle of Incidence : $0^\circ \pm 5^\circ$
- Reflection : $R_s > 99.5\%$ average
- Transmission : $T_p > 80\%$, $> 90\%$ average

10. M1 Prism Mount, 2 Knob Actuators



- Mechanism : Kinematic
- Number of Actuators : 2
- Adjustments : θ_x , θ_y
- Sensitivity : 3.8 arc sec
- Angular Range : $\pm 4^\circ$
- Material : Coated Aluminum
- Drive Type : Knob, non-locking
- Mounting Holes : 8-32 (M4) CL

11. Optical Post Pack, 76.2 mm Height, 12.7 mm Diameter, M4 and M6, Qty 10



- Type : Optical Post Pack
- Height : 76.2 mm
- Thread Type : M4 and M6
- Material : Stainless Steel
- Pack Quantity : 10
- Diameter : 12.7 mm

12. Optical Post Pack, 25.4 mm Height, 12.7 mm Diameter, M4 and M6, Qty 10



- Type : Optical Post Pack
- Height : 25.4 mm
- Thread Type : M4 and M6
- Material : Stainless Steel
- Pack Quantity : 10
- Diameter : 12.7 mm

13. Optical Post Pack, 50.8 mm Height, 12.7 mm Diameter, M4 and M6, Qty 10



- Type : Optical Post Pack
- Height : 50.8 mm
- Thread Type : M4 and M6
- Material : Stainless Steel
- Pack Quantity : 10
- Diameter : 12.7 mm

14. Optical Post Holder Pack, Slotted-Base, 1.0 in. Height, 0.5 in. Posts, Qty 10



- Type : Slotted Base Post Holder
- Height : 25.4 mm
- Thread Type : 1/4-20 (M6) Slot
- Material : Cast Aluminum
- Pack Quantity : 10
- Inside Diameter : 12.7

15. Optical Post Holder Pack, Slotted-Base, 2 in. Height, 0.5 in. Posts, Qty 10



- Type : Slotted Base Post Holder
- Height : 50.8 mm
- Thread Type : 1/4-20 (M6) Slot
- Material : Cast Aluminum
- Pack Quantity : 10
- Inside Diameter : 12.7

16. Optical Post Holder Pack, Slotted-Base, 3 in. Height, 0.5 in. Posts, Qty 10



- Type : Slotted Base Post Holder
- Height : 25.4 mm
- Thread Type : 1/4-20 (M6) Slot
- Material : Cast Aluminum
- Pack Quantity : 10
- Inside Diameter : 12.7

17. Tool Set, Ball driver Allen Wrench, 10 Ball Drivers and Aluminum Holder

- Type : Balldriver



18. Thread Adaptor, M4 Male to M2 Female , pack of 10



- Type : Male/Female Thread Adaptor

- Thread Type : M4, M2

- Length : 6.35 mm

- Material :Stainless Steel

- Quantity : 10

19. Thread Adaptor, 8-32 Male to M4 Male, pack of 10



- Type : Male/Male Thread Adaptor
- Thread Type : M4, 8-32
- Length : 11.4 mm
- Material :Stainless Steel
- Quantity : 10

20. Thread Adaptor, M6 Male to 1/4-20 Male, pack of 10



- Type : Male/Male Thread Adaptor
- Thread Type : 1/4-20, M6
- Length : 11.4 mm
- Material :Stainless Steel
- Quantity : 10

21. Thread Adaptor, 8-32 Male to M6 Male, pack of 10



- Type : Male/Male Thread Adaptor
- Thread Type : M6, 8-32
- Length : 11.4 mm
- Material :Stainless Steel
- Quantity : 10

22. Black Oxide Screw Kit, Set Screws, 1/4-20 x 0.75 inch, Qty 100



- Type : Black Oxide Screw Set
- Thread Type : 1/4-20
- Length : 16 mm
- Material : Black Oxide Coated Steel
- Quantity : 100

3. 기타사항

가. 설치위치 : 경북 구미시 구미대로 350-27 XR 디바이스 개발 지원센터 106호

나. 설치개요 : 규격서의 조건에 맞는 광학 소자 납품

다. 납품기한 : 계약일로 부터 100일 이내

라. 계약의 이행

- 1) 본 규격서에 대한 주계약자(이하 “계약자” 라 한다)와 발주기관 간의 해석상 이견은 발주기관의 해석에 따라야 하며, 본 규격서에 특별히 명시되지 않은 사항은 정부계약법 등의 규정과 일반 관례에 따른다.
- 2) 발주기관은 계약내용 전부에 대한 권리를 행사할 수 있으며 계약자는 이에 대하여 전적으로 동의해야 한다.
- 3) 본 규격서에 명시된 모든 조항은 본 사업의 원활한 추진에 필요한 최소한의 사항만을 규정하였으므로 상세히 기술하지 않았거나 누락된 사항에 대해서도 정상운영 및 서비스에 문제가 발생되지 않도록 계약자는 사전 조치를 취하여야 한다.
- 4) 본 규격서에서 요구하는 성능 및 특성에 대해 계약자의 오인 또는 누락된 상태로 계약 체결되어, 계약 후 이를 보완하기 위한 설계 변경, 물품 등을 추가해야 할 경우 계약자 부담으로 시행한다.
- 5) 계약자는 공급하는 제품의 성능, 품질 등에 대한 최종적인 책임을 진다.

4. 기타조건

가. 납품기한 : 계약 후 100일 이내

나. 규격관련 문의사항 : 우성수 선임 054-460-9092