













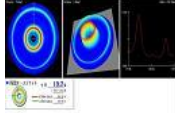





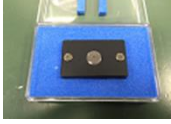

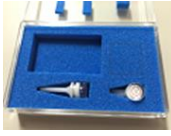





## μ-X360s Option item list

	Product name	Image	Description
04-1.	μ-X360s		a)Sensor unit (2.4kg) b)Power supply unit (6.2kg) c)Software
10-2.	PC		Pre-installed the application software.
11-2.	Safety Cabinet (W800D600H600)		This safety cabinet with interlock protection is designed to protect users from X-Ray leakage. Weight with the standard size : 45kg Larger cabinets are available. 1.4m model: W=1400mm, D=900mm, H=800mm 2.0m model: W=2000mm, D=1200mm, H=1000mm
12-1.	Shielding board (PVC)		To protect from the radiation leakage. (for On-site use.) Size : W300 × t5 × H300 × 2
13-1.	Z stage for measurement sample		Z stage to adjust the sample height. Top surface size : W60 × D60, Adjustment range : +/- 10mm
14-1.	Z stage for sensor unit		Height adjustment of the sensor unit by rotating the wheel. It is suitable for repeatable measurement on similar shaped and sized sample. Size : W300 × D200 × H321, Adjustment range : 80mm
15-1.	Flexible arm for sensor unit		Flexible arm to adjust the sensor unit position. It is suitable for various shaped samples, and on-site measurement.
15-2.	Fine adjustment stage and magnetic base (flexible arm is not included)		This is for adjusting the sensor unit's position. Both X and Y axis are adjustable in 50mm range in step with 0.01mm resolution, using a magnetic base.
16-1.	Tripod (for flexible arm)		Tripod to hold the flexible arm of the sensor unit, in case of on-site measurement. Weight : 5.1kg
18-1.	Battery		Battery to operate the u-X360 without electricity power utilities. Possible to operate about 6 hours. (not include control PC.) Size : W230 × D153.2 × H167.3 Weight : 3.6kg
19-1.	Angle gauge		This angle gauge is used to adjust the sensor (X-ray incident) angle. * It is necessary to input the setting angle, when the sensor unit angle is changed. Magnet attachment. Size : W51 × D51 × H33
20-1.	X-Y stage for sensor unit with automatic software		Automatic stage for stress mapping measurement. Range 200mm (for X and Y axis) Automatic mapping software is included.
20-2.	X-Y stage for sample with automatic software		Automatic stage for stress mapping measurement. Range 150mm (for X and Y axis) weight capacity : 8kg Automatic mapping software is included.
22-1.	Hand-carry case		Watertight and crush-proof case. Urethane form protects the equipment inside the case. 【Example】 Main unit, Flexible arm, safety shielding board, Angle gauge. Size: W630 X D500 X H300mm

## $\mu$ -X360s Option item list

	Product name	Image	Description
23-1.	Retained Austenite measurement function		Retained Austenite measurement function. Measures the percentage of retained austenite not transformed to martensite upon quenching.
24-1.	Collimator exchange tool		Collimator exchange tool set composition Torque drive, Hex bid, Screw drive, Carry Case
25-1. 25-2. 25-3. 25-4.	Collimators		Possible to change the measurement spot size by exchange the collimator. $\phi$ 0.2 (X: 0.4mm Y: 0.5mm) : Approximate exposure time : 120 sec. $\phi$ 0.3 (X: 0.8mm Y: 0.7mm) : Approximate exposure time : 120 sec. $\phi$ 0.5 (X: 1.3mm Y: 1.1mm) : Approximate exposure time : 60 sec. $\phi$ 2.0 (X: 4.7mm Y: 3.9mm) : Approximate exposure time : 5 sec.
26-1.	Electrochemical polisher		Localised controlled electrolytic removal of material from the sample's surface without applying additional stress, used with the analysis to produce depth / residual stress distribution profiles.
27-1.	Sample stage with microscope		Manual X-Y stage with microscope to adjust the sample position precisely.
28-1.	Oscillator Unit		To average the Debye-ring for the large grain sample. The warranty of oscillation unit is 3000 oscillation times or 4 months after the delivery which ever comes fast
29-1.	Reference powder sample (for calibration use)		This is accompaniment goods with u-X360. Cr X-Ray tube: Fe Cu X-Ray tube: Cu Co X-Ray tube: Fe Mn X-Ray tube: Cu V X-ray tube: W and Ti
29-2. 29-3. 29-4. 29-5.	Low compressive stress reference sample Middle compressive stress reference sample High compressive stress reference sample Very low stress reference sample		Reference sample Low compressive: approx. -400Mpa Middle compressive: approx. -800Mpa High compressive: approx. -1600Mpa to -1800Mpa Very low stress: approx. >-50Mpa
30-1.	Leveling tools (Straight type, Flat type $\phi$ 2mm)		This is accompaniment goods with u-X360.
30-2.	Leveling tool (straight type $\phi$ 1mm)		This is positioning tool to adjust the measurement surface flat. Leveling tool for $\phi$ 0.3mm collimator.
31-1.	Positioning tool (for Gear)		This is positioning tool to align the sample. It is suitable to measure gears. Sample is attached magnetically.
33-1.	Optional X-ray tube		Easy X-Ray tube exchange by user: enables a greater range of materials to be measured - tube target's available include Cr, V, Cu, Co, Mn

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