Code	Description	
780-LM6	**MEASURING PROFILE PROJECTOR** **MODEL CYCLOP-1** Profile Projector featuring the highest performances and the screen placed ergonomically at the side of the measuring table	
	Basic composition as follows: • metallic projector bodies with cabinets to house optics and accessories • screen holder with 1000 mm Ø frosted glass projection screen with reticule engraved at 90°and reference line at 30/6 0° • set of adjustable overlay chart clips • darkening hood complete with curtains • automatic protection against over-heating • co-ordinates measuring table of 800x200 mm with following displacements: ∗ *horizontal: 400 mm* ∗ *vertical: 250 mm* Further features of the worktable: ∗ *helix: ± 15°, reading 1' on vernier* ∗ *focus: ± 25 mm* ∗ *admitted weight: max. 150 kg* • pivoting holder arm for lamp/optical condenser • horizontal diascopic projection device with 500W 220V quartz-iodine lamp, continuous light intensity adjustment and air-cooling fan • single lens holder • centralised control panel • pre-setting for the episcopic (surface) and vertical diascopic projections • single phase feeding 220/240V, 50/60 Hz • net weight: 1500 kg approx.	
780-LTAD	• Digital angular reading system of 360°screen rota tion with rotary encoder, min. resolution 20" (compulsory device)	
780-MTHV	• Powered horizontal and vertical table displacements by means of re-circulating ballscrews, continuous speed regulation and manual fine adjustment (compulsory device)	

Code	Description	
	OPTICAL OUTFIT for CYCLOP	
780-LL152	• 5X lens	
780-LL153	• 10X lens	
780-LL154	• 20X lens	
780-LL155	• 25X lens	
780-LL156	• 50X lens	
780-LL157	• 100X lens	
780-LL44-5	• Optical condenser for 5X lens	
780-LL44-10	• Unified optical condenser for 10X (can be used also for 20X, 25X, 50X and 100X lenses)	
	In order to improve 20X, 25X, 50X and 100X lens brightness we suggest:	
780-LL44-20	• Unified optical condenser for 20X-25X lens	
780-LL44-50	• Unified optical condenser for 50X lens	
780-LL44-100	• Unified optical condenser for 100X lens (requires code 780-LL44-50)	
780-ID10	• Iris diaphragm for 780-LL44-10 optical condenser	
780-GF-5	• Green filter for 780-LL44-5 optical condenser	
780-GF-10C	• Green filter for 780-LL44-10 optical condenser	
	FURTHER PROJECTION DEVICES	
780-EPC	• Device for the episcopic (surface) and vertical diascopic projections, complete with 800W 220V quartz-iodine lamp, motorfan lamp cooling system and LL44 optical condenser *(For the episcopic projection, it requires 780-SR-5, 780-SR-10, 780-SR-20 and 780-SRT-100 supports according to the lens in use; for the vertical diascopic projection, it requires "780-VBC"/"VBH" mirror supports)*	
780-SR-5	• Beam splitter support for the 5X lens (illuminated field on the screen: 1000 x 525 mm)	
780-SR-10	• Beam splitter support for the 10X lens	
780-SR-20	• Beam splitter support for the 20-25-50X lenses (the 50X lens needs a proper reduction, i.e. and 780-RI-50)	
780-RI-50	• Reduction for code 780-SR-20, when used with 50X lens	
780-SRT-100	• Support with total reflecting mirrors for 100X lens	
780-VBC	• Mirror support for piece horizontal setting without any attachment, bearing surface of 250x112 mm for checking in vertical diascopic projection with: • 5X lens (illuminated field on the screen: 1000x538 mm) • 10-20-25-30-50X lenses (it requires the "780-EPC" device)	
780-VBH	• Mirror support for piece horizontal setting for 100X lens, bearing surface of 140x35 mm (it requires "780-EPC" device)	
780-MTF	• Powered table focusing displacement	
780-TR4	• TETRASCOPE manual revolving turret with four lens seats, replacing the standard one with single lens holder	

Code	Description	
780-M-TOUCH	**M-TOUCH CALCULATEUR ET AFFICHEUR DIGITAL.** • Sysème de mesure multifonctionnel avec écran digital couleur et interface intuitif facilitant la mesure des éléments suivants: Touches de fonction:  Point, Cercle, Rectangle, Ligne, Fente, Arc Angle entre 2 éléments Distances entre 2 éléments Transfert d'origine élément Alignement axe/élément Rotation alignement d'angle Changement d'axe **Caratéristiques techniques:** * Visualisation déplacements / résolution 0.001 mm * Visualisation et mesure des déplacements angulaires / resolution moins de 20" * Navigation et validation Touch screen * Détection optique des bords (blanc/noir) sur écran * "Mode Simple" menu d'accès aux fonctions basics commet: Réglages des axes et des références absolues, conversion mm/inch, conversion de coordonnées polaires ou cartésiennes, preset/reset options, impressions… * "Mode expert" menu de functionnement 2D pour fonctions géométriques (diametre, rayon, alignement, angles, distance e n t r e 2 elements, et autres function comme ci-dessus) avec possibilité de créer, sauvegarder et rappeler des part de programme. * Valeurs nominales et tolérances * Possibilité de sauvegarder ou importer des données à partir d'une USB ou d'un réseau. * Compensation d'erreur linéaire * Software pour calcul de paramètres statistiques, comme valeur moyenne, ecart type, max et min, nombres de mesures avec indication des niveaux critiques (- - - / + + +) * Stand-by mode Automatic des lampes et affichage * Exportation données vers text ou format Excel * Update Software automatic via USB * Selection language * Programme pièce * Interface RS 232 vers WiFi printer * Ethernet port pour connexion LAN network of Host Computer	