



# Solid Sampling & KBr Presses

## Presses

### Quick Press KBr Pellet Kit & Port-A-Press™ KBr Pellet Kit



Little Press™ KBr  
Pellet Die Kit



Evacuatable Little Press™



ICL's Port-A-Press™ and QuickPress are the most economical, full-scale, KBr pellet presses on the market, and each produces pellets that are as transparent as those made with a 12 ton hydraulic press. The Port-A-Press™ uses a torque wrench to permit the user to apply the same amount of pressure from pellet to pellet thereby facilitating reproducibility of results. The square frame of the Port-A-Press™ can either be inserted in a bench mounted vise or in the channel shaped holder provided with the press (shown in photo) which can be mounted to a work bench. The torque wrench easily generates 20 foot pounds of torque without the use of excessive strength, which is sufficient to

produce 16,000 lbs/in<sup>2</sup> of pressure on the die set. This is the equivalent of 8 tons of pressure and forms a very clear pellet.

The Quick Press is a hand press for making transparent KBr pellets (discs) with diameters of 7mm, 4mm or 2mm. The Quick Press uses the principle of toggle action to apply very high pressure with minimal force. The KBr pellet is formed using only the pressure of a firm handshake applied steadily to the handle. The anvils of the 7mm die sets are hardened with optically polished faces and use aerospace grade of nickel based alloy. The die sets are interchangeable for both the Port-A-Press™ and the Quick Press.

Part No.	Description	Price
0012-188	KBr Port-A- Press™ Kit, complete with 7mm die set, torque wrench, channel holder and pellet press	
0012-189	Die Set—7mm	
0012-191	Die Set—4mm	
0012-190	Die Set—2mm	
0012-4706	10 pack of 7mm collars/KBr pellet mounts	
0012-4607	Sample Holder to mount collars containing pellets in spectrophotometer	
0012-4586	KBr Quick Press Kit, complete with 7mm die set and holder	
0012-4977	KBr Quick Press Handle Only w/o Die Set	
0012-193	Little-Press™ Kit, including press body, two type 316 stainless steel bolt style anvils and sample holder	
0012-6680	Evacuatable Little-Press™ Kit, same as 0012-193 but evacuatable	
0012-624	Assortment of ten Little-Press bodies (Nuts) with twenty bolt style 316SS anvils	
0009-489	35mm OD Agate Mortar & Pestle (See page 27 for other sizes)	



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